A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

FISHERY STATISTICS OF THE UNITED STATES 1968

STATISTICAL DIGEST NO. 62

U.S.
DEPARTMENT
OF
COMMERCE
National
Oceanic and
Atmospheric
Administration
National
Marine
Fisheries
Service

SET NO. 234
OFFICIAL COPY

PERIODICAL
U.S.N.M.F.S.
Statistical digest no. 62.
Fishery Statistics of the U.S. 1968.

DATE OF MAGAZINE	BORROWER'S NAME	TIME DUE

PERIODICAL

U.S.N.M.F.S.

Statistical digest
no. 62

Fishery Statistics of the
United States

1968

LIBRARY
NATIONAL MARINE FISHERIES SERVICE
HONOLULU LABORATORY
P. O. BOX 3830
HONOLULU, HAWAII 96812

LIBRARY
FEB 10 1972
FISH & WILDLIFE SERVICE

Digitized by the Internet Archive
in 2025

https://archive.org/details/fisheries-of-the-united-states_1968_62

U.S. DEPARTMENT OF COMMERCE
Maurice H. Stans, Secretary
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
Robert M. White, Administrator
NATIONAL MARINE FISHERIES SERVICE
Philip M. Roedel, Director

STATISTICAL DIGEST 62

FISHERY STATISTICS OF THE UNITED STATES 1968

PUBLISHED BY NATIONAL MARINE FISHERIES SERVICE / WASHINGTON / 1971
PRINTED BY U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402 - Price $5 (paper cover)
Stock Number 0320-0028

ACKNOWLEDGMENTS

The data in this edition of "Fishery Statistics of the United States" were collected and tabulated by the staff of the Division of Statistics and Market News under the direction of Hoyt A. Wheeland and, formerly, Francis Riley. The material was prepared for publication by Thelma I. Bell. Field surveys were supervised by the various regional and area offices. Project leaders in charge of field surveys were: Dwight L. Hoy, New England, Middle Atlantic and Chesapeake States; George W. Snow, South Atlantic and Gulf States; Lester A. Keilman, California; Victor J. Samson, Washington and Oregon; Sergi Astrahantseff, Alaska; Howard J. Buettner, Great Lakes and Mississippi River States; and Thomas S. Hida, Hawaii.

The cooperation of the many contributors is gratefully acknowledged. Contributors are given credit for their information in the section of the report in which the data appear.

PREFACE

This report contains a review of the fishery statistics for the year 1968 collected by the Division of Statistics and Market News. These statistics include data on the volume and value of the landings of fishery products, employment in the fisheries, quantity of gear operated, number of fishing craft employed in the capture of fishery products, information on the volume and value of the production of processed fishery products, data on cold storage freezings and holdings, and on foreign trade in fishery commodities.

Data on employment of fishermen, fishing craft and gear in the fisheries, and on the landings of fish, shellfish, etc., are shown for States having commercial fisheries. There is also information on the pack of canned tuna and industrial products for Puerto Rico and American Samoa included in the processed products tables. In Section 11, Puerto Rico landing data are also shown.

In all of the catch tables in this report, except the one on page 40 entitled, "U.S. Catch, 1968 - Live Weight Basis", the volume of fish, crustaceans, and such mollusks as squid is shown in round (live) weight. However, the weights shown for univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.,) represent the weights of meats, excluding the shell. The weight of shells omitted from the catch in 1968 amounted to about 1.3 billion pounds. It should be noted, however, that the table on page 41 "World Catch of Fish, Crustaceans, Mollusks, Etc., by Countries" is shown on a live weight basis.

In assembling the data on the fisheries, all appropriate records collected by the various State fishery agencies were used. In certain areas, information complete enough to be used by the statistical agents was available from State agencies, and in these States, only partial surveys were conducted. Information on the means of collecting the data and an explanation of terms used may be found in Section 15 of this publication.

Complete statistical surveys covering the fisheries of the United States were conducted in all areas for 1968. The first complete survey of the fisheries of the United States was made by the Bureau of the Census for 1908. Others were made by the Bureau of Fisheries and the Fish and Wildlife Service for the years 1931, 1950, and for the years 1954 to 1960 and for each year since 1962.

In October 1970, the President of the United States under his reorganization Plan #4 established a single agency for most Federal civilian programs on weather and the oceans. The new agency, called the National Oceanic and Atmospheric Administration (NOAA), was placed in the U.S. Department of Commerce. A total of 23 organizations was brought together under NOAA, including the Bureau of Commercial Fisheries (BCF) and the Marine Game Fish Research Program. These activities were transferred from the Department of the Interior, and, in NOAA, were combined and renamed the National Marine Fisheries Service (NMFS). In this report, references that follow are to the BCF rather than to the NMFS.

FISHERY STATISTICS OF THE UNITED STATES, 1968

Division of Statistics and Market News

CONTENTS

Page

SECTION 1. - GENERAL REVIEW 5

U.S. summaries 12
U.S. catch off foreign coasts. 31
U.S. catch for human and industrial use. 32
Relative volume of the landings, by species. 37
Relative value of the landings, by species 38
Seed oyster fishery. 39
U.S. catch, live weight basis. 40
World catch of fish, crustaceans, mollusks, etc., by countries 41
Processed fishery products 42
Canned fishery products. 55
Industrial fishery products. 66
Packaged fishery products. 71
Fish sticks and portions 74
Frozen fishery trade 75
Foreign fishery trade. 84

SECTION 2. - NEW ENGLAND FISHERIES 91

Sectional summaries. 96
Maine. 107
New Hampshire. 110
Massachusetts. 112
Rhode Island 117
Connecticut. 120
Supplementary surveys:
  Landings at Maine ports. 123
  Landings at Massachusetts ports. 128

SECTION 3. - MIDDLE ATLANTIC FISHERIES 147

Sectional summaries. 151
New York 159
New Jersey 162
Delaware 168
Supplementary survey - Hudson River shad fishery 170

SECTION 4. - CHESAPEAKE FISHERIES 171

Sectional summaries. 176
Maryland 181
Virginia 184
Catch by waters. 189
Supplementary survey - Potomac River shad and alewife fishery. 192

SECTION 5. - SOUTH ATLANTIC FISHERIES 193

Sectional summaries. 197
North Carolina 206
South Carolina 211
Georgia. 213
Florida, east coast. 215
Supplementary surveys:
  Florida, operating units by districts. 220
  Florida, catch by districts. 221
  South Atlantic shrimp fishery. 223

CONTENTS - Continued

Page

SECTION 6. - GULF FISHERIES 226

Sectional summaries. 230
Florida, west coast. 239
Alabama. 245
Mississippi. 247
Louisiana. 249
Texas. 253
Supplementary survey - Gulf shrimp fishery 256

SECTION 7. - PACIFIC COAST FISHERIES 262

Sectional summaries. 269
Alaska 280
Washington 286
Oregon 294
California 299
Supplementary surveys:
  Landings by halibut fleet at Seattle, Washington 314
  Whaling. 315
  Fur seal industry of the Pribilof Islands. 316

SECTION 8. - GREAT LAKES FISHERIES 318

United States and Canadian catch 321
Sectional summaries. 324
Operating units and fishing effort, by gear. 337
Catch by lake, state, and gear 343

SECTION 9. - MISSISSIPPI RIVER FISHERIES 354

Sectional summaries. 355
Operating units and catch by states and waters 366
Supplementary survey - Great Lakes and Mississippi River catch by state and species 390

SECTION 10. - HAWAII FISHERIES 392

Sectional summaries. 393
Operating units by island and gear 396
Catch by islands 398
Catch by gear. 401

SECTION 11. - PUERTO RICO FISHERIES 404

SECTION 12. - REVIEW OF CERTAIN MAJOR FISHERIES 407

U.S. cod fishery 407
Atlantic coast haddock fishery 409
Pacific coast halibut fishery. 410
Atlantic ocean perch fishery 411
Pacific coast salmon fishery 412
Pacific coast mackerel fishery 421
Atlantic coast tuna fishery. 422
Pacific tuna fishery 424
U.S. menhaden fishery. 427
U.S. clam fishery. 431
U.S. crab fishery. 434
U.S. oyster fishery. 441
U.S. shrimp fishery. 447
U.S. fish otter trawl fleet. 453

CONTENTS - Continued

Page

SECTION 13. - SUPPLEMENTARY SECTION 458

General Review:
Length distribution of U.S. fishing vessels, 1967 458
Summary of U.S. fishing vessels, by tonnage groups, 1967 459
Age distribution of U.S. vessels engaged in commercial fishing, 1872-1967. . . 460
Mississippi River Fisheries, 1967 - Fish pond production 462
Review of Certain Major Fisheries, 1967:
U.S. cod fishery 463
Atlantic coast haddock fishery 464
Pacific coast halibut fishery. 465
Atlantic ocean perch fishery 466
Pacific coast salmon fishery 467
Pacific coast mackerel fishery 476
Atlantic coast tuna fishery. 477
Pacific tuna fishery 479
U.S. menhaden fishery. 482
U.S. clam fishery. 486
U.S. crab fishery. 488
U.S. oyster fishery. 494
U.S. shrimp fishery. 500
U.S. fish otter trawl fleet. 505

SECTION 14. - HISTORICAL FISHERY STATISTICS 509

Fish meal, oil, and solubles 510

SECTION 15. - STATISTICAL SURVEY PROCEDURE 540

Sectional surveys. 540
Local and special surveys. 545
Practices and terms. 547
Conversion factors 548

SECTION 16. - GLOSSARY 552

SECTION 17. - PICTORIAL SECTION 559

SECTION 18. - STATISTICAL PUBLICATIONS 577

SECTION 1 - GENERAL REVIEW

The commercial fisheries of the United States yielded a catch of 4.2 billion pounds worth $497.3 million to the fishermen--an increase of 105.1 million pounds and $57.7 million compared with 1967. The gain in volume resulted principally from greater landings of menhaden and salmon. There were record catches of striped bass and northern and spiny lobsters; and increased catches of cod, jack mackerel, sea herring, whiting, Dungeness and tanner crabs, oysters, and sea scallops. However, landings of alewives, anchovies, Atlantic ocean perch, haddock, Pacific halibut and hake, scup, tuna, blue crabs, king crabs, shrimp, and clams declined compared with 1967. Record values were received for catfish and bullheads; striped bass; Dungeness, king, and tanner crabs; northern and spiny lobsters; shrimp, clams, and sea scallops; and several other minor species.

Fishermen took 791.5 million pounds of shellfish worth $265.9 million, an average of more than 33.6 cents per pound--compared with 26.8 cents in 1967. Shellfish accounted for 53 percent of the value but only 19 percent of the volume of U.S. landings. In the New England, Middle Atlantic, Chesapeake, South Atlantic, and Gulf States the value of shellfish exceeded the value of finfish.

Disposition of catch. In 1968, as in the previous year, the catch used for human food (nearly 2.4 billion pounds) exceeded the quantity taken for industrial products (1.8 billion pounds). The latter include items processed into meal, oil, and solubles; used for bait, fed to fur bearing animals and pets; and manufactured into such items as shell buttons, pearl essence, and novelties. Bureau statisticians estimate that the 1968 catch was used as follows: 2,347 million pounds (round weight) for human food--of which 1,411 million were used fresh or frozen, 869 million were canned, and 67 million were cured; 280 million were used for bait and animal food--of which 132 million were fresh or frozen and 148 million were canned; and 1,533 million pounds were processed into industrial products (principally meal, oil, and solubles).

Per capita consumption. The per capita consumption of commercially caught fish and shellfish in the United States was 11.0 pounds (edible weight) compared with 10.8 pounds in 1967.

Per capita consumption of commercially caught
fish and shellfish, 1961-68

(Edible weight)

Year	Pounds	Year	Pounds
1961	10.7	1965	10.9
1962	10.6	1966	10.8
1963	10.6	1967	10.8
1964	10.5	1968	11.0

Principal states. Louisiana again led the Nation in volume of landings with 764.0 million pounds--18 percent of the U.S. catch. Alaska was next with 449.7 million pounds, followed by California, 448.2 million; Virginia, 382.1 million; and Massachusetts, 338.3 million pounds. These five States had 57 percent of the U.S. landings.

Alaska led all States in exvessel value of landings with $79.1 million--16 percent of the value of the Nation's catch. California was next with $54.1 million, followed by Texas, $49.8 million; Louisiana, $43.6 million; and Massachusetts, $41.6 million. These five States accounted for

54 percent of the exvessel value of landings.

Principal ports. San Pedro, Calif., led all ports in volume of landings with 271.9 million pounds. Cameron, La., was next with 247 million pounds, followed by Reedville, Va., 210 million; and Pascagoula-Moss Point, Miss., 190 million pounds. Boston, Mass., continuing the downward trend of recent years, was 11th in volume of landings. In 1932, it was the Nation's leading port.

Processed products. The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was worth a record $1.4 billion--an increase of 14 percent compared with 1967. Packaged fresh and frozen products accounted for 48 percent of the total value; canned, 42 percent; and industrial and cured, 5 percent each. The Pacific Coast States led with products valued at $461.2 million; followed by the Gulf States, $274.8 million; New England, $211.4 million; and the Middle Atlantic States, $114.4 million. The 3,967 wholesaling and processing establishments had 88,742 employees in 1968.

Menhaden. The catch of menhaden was 1,375 million pounds--18 percent more than in 1967. The gain was principally in the Gulf States where landings of 823.4 million pounds were 123.3 million greater than in the previous year. Gulf of Mexico landings exceeded Atlantic Ocean landings for the sixth consecutive year and accounted for 60 percent of the menhaden catch. Landings increased 85 percent in the Middle Atlantic States (86.3 million pounds) and 23 percent in the Chesapeake States (274.1 million) but declined 1 percent in the South Atlantic States (191.4 million pounds). Menhaden supplied 33 percent of the entire U.S. catch.

Young menhaden were more plentiful along the Atlantic coast than in the last several years. They were even more abundant in the Gulf of Mexico and will be fished heavily in 1969. The Atlantic fishery, however, depends on older fish, and next year's catch will not be affected by the large 1968 year-class.

Salmon. The catch was 329.6 million pounds worth $67.0 million--an increase of 111.4 million pounds (51 percent) and $18.3 million (37 percent) compared with 1967. The gain in volume was caused by a sharp increase in landings of Alaska salmon, principally pink salmon which had a not unexpected cycle year catch of 148.5 million pounds. Catches of chum and silver salmon also improved in Alaska. Salmon landings declined generally in both Washington and Oregon.

The pack of canned salmon was 3,447,699 standard cases worth $118.0 million--an increase of 66 percent in volume and 55 percent in value compared with 1967. Alaska accounted for 94 percent of the volume and 93 percent of the value of the pack of canned salmon.

Tuna. Landings by the U.S. fleet at ports in continental United States and Hawaii were 293.9 million pounds worth $47.5 million--a decrease of 34.5 million pounds but a gain of $3.3 million compared with 1967. A sharp decline in skipjack landings was the principal cause of the smaller harvest. Bluefin tuna landings declined slightly also, but catches of albacore and yellowfin tuna increased substantially. The higher value resulted from increases in the price paid to fishermen for all species. Compared with 1967, the average price per pound for bluefin tuna increased 4 cents; skipjack, 3 cents; yellowfin, 2 cents; and albacore, almost 1 cent.

Despite a decline in catch, the pack of canned tuna was a record 20 million cases--2 percent more than in 1967. The gain resulted from increased landings by U.S. vessels in Puerto Rico, which are not included in domestic catch statistics, and in imports of fresh and frozen tuna. Canned tuna available for consumption in 1968 (U.S. pack from domestic catch plus U.S. pack from imported tuna and imported canned) was a record 463.1 million pounds. Only 38 percent of the U.S. supply was packed from the domestic catch--compared with 40 percent in 1967.

Per capita consumption of canned tuna, which was 1.8 pounds in 1958, reached 2.4 pounds in 1968.

Alewives. Landings were 84.6 million pounds in 1968--compared with a record 101.1 million pounds taken in 1967. The decline was principally in the Great Lakes area where the alewife catch of 27.2 million pounds, taken entirely in Lake Michigan, was 14.7 million pounds less than in 1967. Landings also declined in the New England, South Atlantic, and Gulf States but increased substantially in the Chesapeake Area. A small catch in the Middle Atlantic States was about the same as in the previous year.

Flounders. The flounder catch of 158.5 million pounds worth $17.4 million remained about the same as in the previous year. The Pacific catch (44.6 million pounds) declined 1.6 million pounds compared with 1967. The catch of Atlantic and Gulf flounders (113.9 million pounds worth $13.9 million) improved slightly compared with 1967. A change occurred in the composition of the catch by species. Landings of blackback flounders declined from 25.5 million pounds in 1967 to 19.6 million in 1968; but yellowtail flounders increased from 57.9 million to 70.0 million pounds in the same period. The abundance of yellowtail flounders resulted principally from good 1964-65 year-classes.

Groundfish. Landings along the Atlantic Coast of six groundfish species (cod, cusk, haddock, white hake, pollock, and ocean perch) were 192.4 million pounds worth $15.8 million--a decline of 15 percent in volume and 13 percent in value compared with 1967. Landings of haddock and ocean perch declined sharply. The haddock production of 70.6 million pounds was 27.8 million less than 1967, and one of the smallest catches in this century. The downward trend of the haddock fishery has been caused largely by five consecutive poor year-classes and overfishing of the resource. The supply of small, young fish has become depleted and, in 1968, haddock fishermen drew heavily on older stocks. The ocean perch harvest of 61.3 million pounds worth $2.4 million declined 14 percent in volume and 15 percent in value compared with 1967. Landings were the smallest since 1937. Ocean perch were abundant on the fishing grounds, but fishing effort was somewhat curtailed because of sluggish demand.

Landings of cusk and pollock declined slightly, but cod and white hake increased compared with 1967. The 49.2-million-pound catch of cod was 11 percent more than in 1967, but the value ($3.5 million) declined 3 percent. The low prices fishermen received for cod during most of the year caused them to turn to more profitable fisheries.

The Atlantic groundfish industry has changed considerably in the last two decades. In 1949, domestic production of groundfish fillets was 140.1 million pounds--75 percent of the total U.S. supply. In 1968, domestic production was only 55.3 million pounds and 12 percent of the supply.

Halibut, Pacific. Landings by the combined United States and Canadian halibut fleets were 48.8 million pounds (dressed weight)--6.7 million less than in 1967, and the smallest production since 1935. Canadian fishermen took 60 percent of the catch. For the second consecutive year fishermen failed to reach the annual quota (58.8 million pounds) set by the International Pacific Halibut Commission.

A contributing factor to the decline in landings has been the failure of halibut stocks to increase substantially when the Commission has prohibited or reduced fishing effort in an area. Another factor has been an increase in trawling for both halibut and other species in the southeastern Bering Sea. The Commission determined that both domestic and foreign trawlers were overfishing the halibut stocks in that area.

Sea herring. The catch of sea herring was 107.2 million pounds worth $2.3 million--a gain of 22 percent in volume and 12 percent in value compared with 1967. The Atlantic catch (92.2 million pounds) increased 32 percent, but the Pacific catch (15.0 million pounds) declined 18 percent. In Alaska, where the catch is used for reduction to fish meal or for bait, landings were 8.1 million pounds--the smallest since 1899.

GENERAL REVIEW

Imports of fresh Canadian sea herring, which are used principally for canning and reduction in Maine, were 165.8 million pounds--45.6 million more than in 1967. The Maine pack of sardines (1,730,300 standard cases) canned from sea herring increased 38 percent in volume and 39 percent in value compared with the previous year.

Whiting. Landings of 79.1 million pounds were worth $2.8 million--a gain of 14 percent in volume and 29 percent in value compared with 1967. In New England, the catch of 71.7 million pounds increased in all States. The Maine production (28.9 million pounds) was 40 percent more than in 1967--principally because of a larger fleet and greater fishing effort. In 1968, the best fishing was in the Gulf of Maine.

Shrimp. Landings were 299.3 million pounds (heads-on)--a decline of 8.5 million pounds compared with the record harvest of the previous year. The decline was caused by a smaller catch of brown shrimp in the Gulf States, principally Louisiana and Texas. Landings increased in the New England, South Atlantic, and Pacific Coast States.

The value of the catch was a record $114.9 million--a gain of $11.4 million compared with 1967. For the second consecutive year, the domestic shrimp fishery exceeded $100.0 million: shrimp retained its position as the most valuable fishery in the United States. The average price per pound increased from about 34 cents in 1967 to about 38 cents in 1968.

Because of the industry's prosperity, construction of shrimp trawlers continued at a record pace. About 350 newly constructed vessels joined the Gulf fleet in 1968.

Processed shrimp continued to be a popular item. Breaded raw and cooked shrimp (103.0 million pounds) increased 8.7 million pounds compared with 1967. Processed shrimp products accounted for 22 percent of the total value of all processed products.

Crabs. Landings of crabs, all species, were 254.5 million pounds worth a record $44.4 million--a decline of 67.7 million pounds but an increase of $12.1 million compared with 1967. A sharp increase in the prices of king crabs and hard blue crabs, both in short supply, contributed to the gain in value. The volume decline resulted principally from smaller catches of king crabs in Alaska and hard blue crabs in the Chesapeake States. The total crab production and value were supported by record landings of Dungeness crabs (50.0 million pounds) worth a record $9.2 million--7.5 million pounds and $2.6 million more than in 1967.

The crab fisheries of Alaska have become increasingly important to the fishing industry. In 1968, total crab landings were 22 percent of the volume and 30 percent of the value of the Alaska catch, second only to salmon. The king crab production (which was only 13.1 million pounds in 1957) reached a record 159.2 million pounds in 1966, declined to 127.7 million in 1967, and to 82.0 million pounds in 1968. Biologists report that overfishing has depleted the king crab stocks and Alaska has adopted stringent conservation measures in an effort to protect the resource. The shortage of king crabs has created an interest in the tanner crab, a species known to be plentiful in Alaska waters. In 1968, tanner crab landings were a record 3.2 million pounds--compared with 118,000 pounds in 1967.

The catch of hard blue crabs was 113.6 million pounds worth $11.1 million--a decrease of 31.4 million pounds but a gain of $2.5 million compared with 1967. The catch was the smallest since 1959. The greatest decline was in the Chesapeake States where the harvest of 54.2 million pounds was 25.2 million less than in 1967. Landings declined sharply in both Maryland and Virginia, principally because of the high mortality among crabs hatched in the previous year. Smaller declines occurred in the Middle Atlantic, South Atlantic, and Gulf States.

Lobsters. The catch of northern lobsters was a record 32.6 million pounds worth a record $25.5

million--an increase of 5.8 million pounds and $3.1 million compared with 1967. New England landings (30.0 million pounds) were only 416,000 pounds less than the record catch taken in 1889. Middle Atlantic landings were a record 2.4 million pounds--619,000 pounds greater than in 1967. Fishermen landed small catches in the Chesapeake and South Atlantic States. The United States domestic catch of northern lobsters plus imports from Canada increased from 42.3 million pounds in 1967 to 49.3 million in 1968--the best available supply since 1964. As a result of the greater supply, the average price per pound declined from 84 cents in 1967 to 78 cents in 1968.

Spiny lobster landings were a record 7.5 million pounds worth a record $5.4 million--a gain of 2.6 million pounds and $2.2 million compared with 1967. The peak production in 1968 resulted from record landings in the South Atlantic States (3.2 million pounds) and near-record landings in the Gulf States (3.9 million pounds). The growing demand for spiny lobsters caused fishermen to increase their efforts--especially in the international waters off the Bahama Islands. During the closed season in Florida, several vessels fishing off the Bahamas landed their catches at Georgia ports.

Oysters. The catch of oysters was 61.9 million pounds of meats worth $32.0 million--a gain of 1.9 million pounds but a decline of more than $231,000 compared with 1967. Record landings of 26.7 million pounds in the Gulf States, principally Louisiana, were partially offset by a smaller harvest along the Atlantic coast, mainly in the Chesapeake States. Landings also declined in the New England and South Atlantic States but were slightly improved in the Middle Atlantic States compared with 1967.

Sea scallops. Landings of sea scallop meats were 13.8 million pounds--35 percent more than in 1967, but the second smallest catch since 1946. Fishermen could no longer find sea scallops in their former abundance on Georges Bank and the Middle Atlantic Grounds. The short supply of scallops increased exvessel prices appreciably. The value of the catch was a record $15 million--nearly double that of 1967. The average price per pound was $1.08 in 1968, 76 cents in 1967, and 48 cents in 1966.

A new and potentially important sea scallop fishery developed in Alaska. Following successful exploratory fishing, some scallop draggers left New England for the Alaska grounds and were joined by several west coast vessels. Fishing was reported to be good during the last 6 months of the year, and fishermen landed 1.7 million pounds of scallop meats.

Whales. Three whaling vessels operated out of one station in California--just as in 1967. There were 202 whales taken--a decline of 45 compared with 1967. The catch included 66 gray whales and 53 sperm whales taken for scientific study under a special scientific permit. The entire catch was processed into 2.2 million pounds of meal, 2.4 million pounds of oil, and more than 1.8 million pounds of meat (for use as canned or frozen animal food).

U.S. supply. The total quantity of fishery products available in the United States (domestic catch plus imports) on a round-weight basis increased from 14.0 billion pounds in 1967 to a record 17.4 billion in 1968, principally because of greater receipts of fish meal. The U.S. catch was 4.2 billion pounds--compared with 4.1 billion in 1967. Imports of 9.9 billion pounds in 1967 increased to a record 13.2 billion in 1968 and accounted for 76 percent of the total quantity available. In 1967, imports were 71 percent of the total. The quantity of edible fishery products available was 5.6 billion pounds--imports accounted for 58 percent of this amount.

Fishery imports. Fishery products imported for consumption were worth a record $822.7 million--$114.8 million more than in 1967, and $103.0 million more than in 1966, the former peak year. Imports of edible fishery products were a record 1.7 billion pounds worth a record $643.2 million--an increase of 18 percent in volume and 19 percent in value compared with 1967. Major increases occurred in imports of fresh or frozen tuna (except loins and discs), sea herring, halibut, fillets and steaks (including groundfish and other than groundfish), crabs and crab meat, northern and spiny lobsters, and scallops; canned anchovies, salmon, sardines, shrimp, and albacore tuna in brine. The volume of imports of fresh, frozen, and canned oysters and oyster juice, tuna loins and discs, and pickled or salted sea herring declined slightly compared with 1967. Record shrimp imports of 189.5 million pounds worth $162.2 million (including fresh or frozen, canned, and cured) entered U.S. ports in 1968. Shrimp was the major item imported with respect to value--accounting for 25 percent of the value of imported edible items.

Imports of nonedible fishery products were worth $179.5--an increase of 6 percent compared with 1967. Greater imports of fish meal and scrap accounted largely for the gain.

World catch. The world catch of fish, crustaceans, mollusks, and other aquatic organisms, was a record 141.1 billion pounds (live-weight)--6 percent more than in 1967. Six nations accounted for 57 percent of the world catch in 1968. Peru, for the seventh consecutive year, led all nations in volume of fishery landings, followed by Japan, Soviet Russia, China (Mainland), and Norway. The United States continued in sixth place.

Other information. Summaries of catch and operating unit statistics for each region of the United States have been published in the Current Fishery Statistics series of bulletins. "Fisheries of the United States", a preliminary review available each April, contains current information on many aspects of the fisheries such as domestic and world catch, per capita consumption, price indexes, foreign trade, and supplies. It also gives comparative data for previous years. This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402--price $1.00.

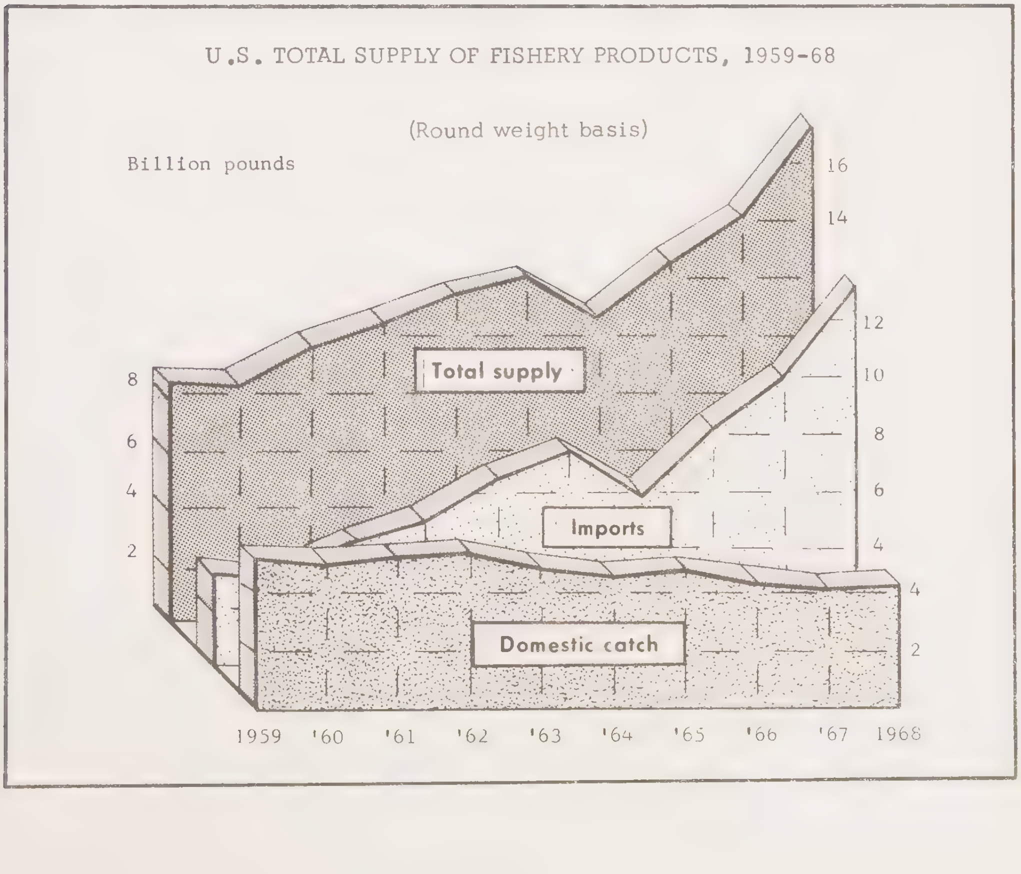
CATCH OF FISH AND SHELLFISH, 1945-68

(ROUND WEIGHT BASIS)

YEAR	CATCH FOR HUMAN FOOD	CATCH FOR INDUSTRIAL PRODUCTS 1/	TOTAL		AVERAGE PRICE PER POUND
	MILLION POUNDS	MILLION POUNDS	MILLION POUNDS	MILLION DOLLARS	CENTS
1945.	3,167	1,431	4,598	270	5.87
1946.	3,049	1,418	4,467	313	7.01
1947.	3,020	1,329	4,349	312	7.16
1948.	3,146	1,367	4,513	371	8.22
1949.	3,305	1,499	4,804	343	7.13
1950.	3,307	1,594	4,901	347	7,09
1951.	3,048	1,385	4,433	365	8.23
1952.	2,778	1,654	4,432	364	8.20
1953.	2,519	1,968	4,487	356	7.94
1954.	2,705	2,057	4,762	359	7.55
1955.	2,579	2,230	4,809	339	7.05
1956.	2,690	2,578	5,268	372	7.06
1957.	2,475	2,314	4,789	354	7.39
1958.	2,651	2,096	4,747	373	7.86
1959.	2,369	2,753	5,122	346	6.76
1960.	2,498	2,444	4,942	354	7.15
1961.	2,490	2,697	5,187	362	6.98
1962.	2,540	2,814	5,354	396	7.40
1963.	2,556	2,291	4,847	377	7.78
1964.	2,497	2,044	4,541	389	8.57
1965.	2,587	2,190	4,777	446	9.34
1966.	2,572	1,794	4,366	472	10,81
1967.	2,368	1,687	4,055	440	10,85
1968.	2,346	1,814	4,160	497	11.95

1/ MANUFACTURED INTO MEAL, OIL, FISH SOLUBLES, HOMOGENIZED CONDENSED FISH, SHELL PRODUCTS, AND USED AS BAIT AND ANIMAL FOOD. NOTE:--DOES NOT INCLUDE DATA ON THE HAWAII LANDINGS PRIOR TO 1948.

SUPPLY OF FISHERY PRODUCTS



GENERAL REVIEW

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

REGION	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND	561	35	74	41	-	-	635	76
MIDDLE ATLANTIC	133	6	54	19	-	-	187	25
CHESAPEAKE.	343	9	95	28	-	-	438	37
SOUTH ATLANTIC.	274	12	65	21	-	-	339	33
GULF.	1,024	26	265	113	-	-	1,289	139
PACIFIC	883	128	228	42	6	(1)	1,117	170
GREAT LAKES	69	6	-	-	-	-	69	6
MISSISSIPPI RIVER AND TRIBUTARIES.	63	7	10	1	-	-	73	8
HAWAII.	13	4	(1)	(1)	-	-	13	4
TOTAL	3,363	233	791	265	6	(1)	4,160	498

1/ LESS THAN 500,000 POUNDS OR $500,000.

SUMMARY OF OPERATING UNITS, 1968

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	3,689	2,367	3,867	3,663	13,036
ON BOATS AND SHORE. . . .	14,491	6,373	11,551	6,289	12,434
TOTAL	18,180	8,740	15,418	9,952	25,470
VESSELS:					
MOTOR	695	546	1,367	1,253	4,237
GROSS TONNAGE	46,433	27,914	26,049	54,048	226,255
SAIL.	-	-	43	-	-
GROSS TONNAGE	-	-	513	-	-
TOTAL VESSELS	695	546	1,410	1,253	4,237
TOTAL GROSS TONNAGE .	46,433	27,914	26,562	54,048	226,255
BOATS:					
MOTOR	9,429	4,644	9,114	5,392	10,131
OTHER	297	286	500	211	222
GEAR:					
HAUL SEINES	22	48	217	159	117
STOP NETS AND SEINES. . .	97	-	-	-	-
PURSE SEINES AND LAMPARA NETS:					
HERRING	21	-	-	-	6
MACKEREL AND SARDINE. .	3	-	-	-	-
MENHADEN.	-	18	27	55	78
TUNA.	4	2	-	1	-
OTHER	-	-	-	-	6
BAG NETS.	14	-	-	110	-
BUTTERFLY NETS.	-	-	-	-	806
OTTER TRAWLS:					
CRAB.	-	-	-	493	-
FISH.	606	265	93	196	94
LOBSTER	78	52	4	-	-
SCALLOP	-	-	-	8	-
SHRIMP.	143	-	-	2,464	11,178
WEIRS	76	6	-	-	-
POUND NETS.	23	107	3,015	852	-
FLOATING TRAPS.	43	-	-	-	-
FYKE AND HOOP NETS. . . .	-	85	586	580	10,175
POTS AND TRAPS:					
CONCH	1,272	525	-	-	-
CRAB.	630	3,228	212,490	67,815	181,481
CRAWFISH.	-	-	-	-	13,930
EEL	1,030	1,785	14,438	404	25
FISH.	-	18,390	13,870	15,729	3,019
LOBSTER	935,020	31,315	-	76,290	98,500
TURTLE.	-	145	461	-	-
BOX TRAPS	6	-	-	-	-
GILL NETS:					
ANCHOR, SET OR STAKE. .	33	143	2,526	2,396	247
DRIFT	173	77	985	341	6
RUNAROUND	-	46	-	354	895

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
TRAMMEL NETS	-	-	-	59	588
HOOKS AND BAITS	338,597	46,130	1,053,625	1,150,285	955,467
DIP NETS	199	-	113	119	10,680
CAST NETS	-	-	-	4	5
HARPOONS	64	-	-	-	-
SPEARS	70	28	-	89	185
SCRAPES	-	-	355	-	-
DREDGES:					
CLAM	36	176	254	44	1
CONCH	-	1	-	-	-
CRAB	-	15	320	-	-
MUSSEL	14	-	-	-	-
OYSTER	22	65	424	180	1,277
SCALLOP	1,598	1,048	48	323	116
TONGS AND OYSTER GRABS	792	2,947	6,372	508	2,051
RAKES	1,542	2,908	104	328	-
HOES	3,441	42	-	-	-
FORKS	34	-	-	-	-
BRUSH TRAPS	-	-	-	-	35,200
GRABS, FROG	-	-	-	-	26
HOOKS:					
SPONGE	-	-	-	41	28
OTHER	-	3	10	-	2
DIVING OUTFITS	148	-	-	1	13

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	18,155	643	-	292	43,040
ON BOATS AND SHORE	19,777	1,198	12,031	740	84,884
TOTAL	37,932	1,841	12,031	1,032	127,924
VESSELS:					
MOTOR	5,172	298	-	63	13,107
GROSS TONNAGE	176,441	5,986	-	1,844	522,383
SAIL	-	-	-	-	43
GROSS TONNAGE	-	-	-	- -	513
TOTAL VESSELS	5,173	298	-	63	13,150
TOTAL GROSS TONNAGE	176,441	5,986	-	1,844	522,896
BOATS:					
MOTOR	16,603	736	10,221	466	65,654
OTHER	237	75	185	14	1,810
GEAR:					
HAUL SEINES	113	82	211	(1)	969
STOP NETS AND SEINES	-	-	-	-	97
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	43	-	-	-	43
HERRING	12	-	-	-	39
MACKEREL AND SARDINE	53	-	-	-	56
MENHADEN	-	-	-	-	134
SALMON	1,457	-	-	-	1,457
SQUID	11	-	-	-	11
TUNA	136	-	-	-	140
OTHER	8	-	-	-	20
BAG NETS	-	-	-	(1)	124
BUTTERFLY NETS	-	-	-	-	806
BEAM TRAWLS	26	-	-	-	26
OTTER TRAWLS:					
CRAB	-	-	-	-	493
FISH	221	19	1	-	1,401
LOBSTER	-	-	-	-	123
SCALLOP	-	-	-	-	8
SHRIMP	99	-	-	-	13,552
MID-WATER TRAWLS	9	-	-	-	9
WEIRS	1	2	70	-	155
POUND NETS	3	259	8	-	4,267
TRAP NETS	-	892	307	-	1,199
FLOATING TRAPS	4	-	-	-	47

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
FYKE AND HOOP NETS. . . .	-	236	66,285	-	77,947
POTS AND TRAPS:					
CONCH	-	-	-	-	1,797
CRAB.	141,902	-	-	(1)	607,546
CRAWFISH.	180	-	61,772	-	75,882
EEL	-	-	-	(1)	17,682
FISH.	520	-	5,121	(1)	56,739
LOBSTER	15,748	-	-	(1)	1,143,923
OCTOPUS	310	-	-	(1)	310
SHRIMP.	1,170	-	130	-	1,300
TURTLE.	-	-	49	-	655
BOX TRAPS	-	-	-	-	6
WIRE BASKETS.	-	-	2,264	-	2,264
SLAT TRAPS.	-	-	1,372	-	1,372
GILL NETS:					
ANCHOR, SET OR STAKE. .	2,705	1,111	5,262	(1)	14,423
DRIFT	5,988	-	-	-	7,570
RUNAROUND	-	-	-	-	1,291
TRAMMEL NETS.	17	-	4,257	-	4,921
HOOKS AND BAITS	1,048,634	79,800	4,725,616	(1)	9,389,884
ELECTRICAL DEVICES. . . .	-	-	5	-	5
DIP NETS.	13	-	246	-	11,370
BRAIL OR SCOOP NETS . . .	246	-	3	-	249
LIFT NETS	-	-	-	(1)	(1)
REEF NETS	55	-	-	-	55
WHEELS.	6	-	-	-	6
CAST NETS	-	-	-	(1)	9
HARPOONS.	50	-	-	-	114
SPEARS.	-	-	-	(1)	372
SCRAPES	-	-	-	-	355
DREDGES:					
CLAM.	2	-	-	-	506
CONCH	-	-	-	-	1
CRAB.	-	-	-	-	335
MUSSEL.	-	-	10	-	24
OYSTER.	75	-	-	-	2,041
SCALLOP	14	-	-	-	3,055
TONGS AND OYSTER GRABS. .	40	-	171	-	12,881
RAKES	-	-	-	-	4,882
HOES.	-	-	-	-	3,483
FORKS	-	-	-	-	34
SHOVELS	601	-	-	-	601
BRUSH TRAPS	-	-	-	-	35,200
CROWFOOT BARS	-	-	1,182	-	1,182
GRABS, FROG	-	-	-	-	26
HOOKS:					
SPONGE.	-	-	-	-	69
OTHER	-	-	-	-	15
DIVING OUTFITS.	278	-	25	-	465

1/ DATA ON THE NUMBER OF GEAR OPERATED IN HAWAII ARE NOT AVAILABLE.

U.S. CATCH BY WATERS, FISHERMEN, CRAFT, PLANTS AND EMPLOYMENT, BY STATES, 1968

STATE	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL		FISHERMEN	FISHING CRAFT		WHOLESALE AND MANUFACTURING		
										VESSELS	BOATS	PLANTS	EMPLOYEES	
													AVERAGE FOR SEASON	AVERAGE FOR YEAR
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ALABAMA	26,661	9,617	-	-	3,045	461	29,706	10,078	2,476	480	924	86	1,809	1,092
ALASKA	449,741	79,093	-	-	-	-	449,741	79,093	18,129	2,162	9,023	161	8,983	3,800
ARIZONA	-	-	-	-	23	4	23	4	4	-	4	-	-	-
ARKANSAS	-	-	-	-	5,604	901	5,604	901	1,977	-	1,984	29	61	55
CALIFORNIA	448,173	54,092	-	-	-	-	448,173	54,092	9,996	1,875	2,489	202	11,795	9,503
CONNECTICUT	5,469	1,530	-	-	-	-	5,469	1,530	611	40	382	11	51	44
DELAWARE	673	228	-	-	-	-	673	228	433	7	183	16	369	292
FLORIDA	180,501	37,070	10,394	2,156	-	-	190,895	39,226	10,655	1,864	4,449	462	5,913	4,977
GEORGIA	14,338	6,210	-	-	-	-	14,338	6,210	1,485	391	621	52	2,326	1,809
HAWAII	12,896	3,451	-	-	-	-	12,896	3,451	1,032	63	480	32	411	355
IDAHO	-	-	-	-	2,261	57	2,261	57	1,440	-	1,449	-	-	-
ILLINOIS	-	-	482	99	5,085	614	5,567	713	570	4	434	81	839	677
INDIANA	-	-	202	39	768	82	970	121	946	2	148	17	113	98
IOWA	-	-	-	-	3,242	332	3,242	332	477	-	489	23	151	132
KANSAS	-	-	-	-	35	8	35	8	42	-	13	8	137	122
KENTUCKY	-	-	-	-	2,919	563	2,919	563	715	-	689	14	54	51
LOUISIANA	754,502	42,125	-	-	9,467	1,498	763,969	43,623	12,434	1,734	5,994	258	5,472	3,519
MAINE	218,731	25,614	-	-	-	-	218,731	25,614	8,102	157	5,579	240	6,220	3,867
MARYLAND	55,788	16,009	-	-	-	-	55,788	16,009	8,060	589	6,105	271	4,919	3,878
MASSACHUSETTS	338,280	41,585	-	-	-	-	338,280	41,585	7,660	438	2,644	237	5,602	4,744
MICHIGAN	-	-	23,953	2,832	-	-	23,953	2,832	784	155	294	59	418	327
MINNESOTA	-	-	3,390	217	9,283	911	12,673	1,128	728	5	414	26	216	144
MISSISSIPPI	240,657	9,860	-	-	2,619	469	243,276	10,329	3,996	665	1,909	77	1,863	1,078
MISSOURI	-	-	-	-	697	104	697	104	385	-	371	35	365	301
MONTANA	-	-	-	-	1,340	82	1,340	82	12	-	11	-	-	-
NEBRASKA	-	-	-	-	545	29	545	29	162	-	153	8	39	38
NEW HAMPSHIRE	1,244	666	-	-	-	-	1,244	666	365	-	176	13	386	315
NEW JERSEY	126,369	10,609	-	-	-	-	126,369	10,609	3,348	344	1,490	108	2,306	1,890
NEW MEXICO	-	-	-	-	47	10	47	10	2	-	1	-	-	-
NEW YORK	59,488	14,326	604	149	-	-	60,092	14,475	5,290	240	3,307	249	2,700	2,584
NORTH CAROLINA	232,175	9,706	-	-	-	-	232,175	9,706	4,345	398	2,616	165	2,041	1,509
NORTH DAKOTA	-	-	-	-	239	21	239	21	11	-	4	5	29	15
OHIO	-	-	10,400	941	-	-	10,400	941	320	28	230	41	565	454
OKLAHOMA	-	-	-	-	873	132	873	132	82	-	82	13	59	59
OREGON	94,498	16,692	-	-	-	-	94,498	16,692	5,154	1,203	1,793	59	3,279	2,248
PENNSYLVANIA	-	-	481	50	-	-	481	50	21	5	6	52	1,407	1,203
RHODE ISLAND	71,024	6,262	-	-	-	-	71,024	6,262	1,737	125	947	33	318	255
SOUTH CAROLINA	21,323	5,610	-	-	-	-	21,323	5,610	1,405	285	559	77	791	538
SOUTH DAKOTA	-	-	-	-	3,837	283	3,837	283	74	-	31	5	16	12
TENNESSEE	-	-	-	-	8,236	819	8,236	819	1,005	-	971	32	121	112
TEXAS	147,795	49,557	-	-	1,289	204	149,084	49,761	7,282	1,903	1,522	181	6,250	4,365
UTAH	-	-	-	-	448	65	448	65	9	-	3	-	-	-
VIRGINIA	382,070	20,550	-	-	-	-	382,070	20,550	7,414	843	3,509	310	5,417	3,522
WASHINGTON	125,037	20,517	-	-	-	-	125,037	20,517	8,412	1,332	3,654	153	3,621	2,504
WISCONSIN	-	-	29,471	1,536	10,990	610	40,461	2,146	1,336	101	773	66	610	540
TOTAL	4,007,433	480,979	79,377	8,019	72,892	8,259	4,159,702	497,257	2/127,924	2/13,150	2/68,464	3,967	88,742	63,031

1/ INCLUDES THE CATCH OF THE GREAT LAKES, THE INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.

2/ EXCLUSIVE OF DUPLICATION.

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1968

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	32	42	934	191	245	960	40	2	2,430
10 - 19	131	115	290	264	867	2,206	140	20	4,009
20 - 29	87	77	58	159	458	723	69	16	1,614
30 - 39	71	63	24	174	407	407	25	10	1,116
40 - 49	45	56	15	154	388	301	19	9	914
50 - 59	41	40	14	78	288	144	3	4	552
60 - 69	41	30	9	80	559	65	1	1	721
70 - 79	43	31	11	38	274	43	1	1	398
80 - 89	22	14	5	20	147	28	-	-	218
90 - 99	22	14	1	33	286	30	-	-	360
100 - 109	15	6	2	4	58	26	-	-	106
110 - 119	29	16	8	3	44	19	-	-	104
120 - 129	12	6	4	4	49	16	-	-	82
130 - 139	16	2	-	-	60	15	-	-	90
140 - 149	9	4	1	3	13	13	-	-	37
150 - 159	14	4	2	1	7	4	-	-	27
160 - 169	12	2	1	-	5	19	-	-	36
170 - 179	11	2	1	-	7	5	-	-	24
180 - 189	5	2	-	-	3	16	-	-	24
190 - 199	15	8	7	8	11	23	-	-	61
200 - 209	1	3	2	4	1	-	-	-	5
210 - 219	1	1	-	1	1	2	-	-	5
220 - 229	1	-	1	-	4	1	-	-	7
230 - 239	3	-	-	1	-	2	-	-	6
240 - 249	3	1	3	5	2	-	-	-	9
250 - 259	-	2	7	9	4	3	-	-	14
260 - 269	1	1	7	6	3	3	-	-	13
270 - 279	1	-	-	-	1	6	-	-	8
280 - 289	-	1	1	2	2	1	-	-	5
290 - 299	2	-	-	2	1	5	-	-	9
300 - 309	2	2	-	1	-	1	-	-	5
310 - 319	4	-	-	-	2	4	-	-	10
320 - 329	2	-	-	1	1	2	-	-	6
330 - 339	-	-	-	-	-	3	-	-	3
340 - 349	-	-	-	-	-	3	-	-	3
350 - 359	-	-	-	-	-	5	-	-	5
360 - 369	-	-	-	-	2	5	-	-	7
370 - 379	-	-	-	-	2	1	-	-	3
380 - 389	-	-	-	-	2	2	-	-	4
390 - 399	-	-	-	-	-	1	-	-	1
400 - 409	-	-	-	-	-	1	-	-	1
410 - 419	-	-	-	-	2	1	-	-	3
420 429	-	-	-	-	-	2	-	-	2
430 - 439	-	-	-	-	1	6	-	-	7
440 - 449	-	-	-	-	-	5	-	-	5
450 - 459	1	-	-	1	1	-	-	-	2
460 - 469	-	-	-	-	1	2	-	-	3
470 - 479	-	-	-	-	5	9	-	-	14
480 - 489	-	-	-	1	2	3	-	-	5
490 - 499	-	1	-	-	-	3	-	-	4
500 - 509	-	-	-	-	1	-	-	-	1
510 - 519	-	-	-	-	2	-	-	-	2
520 - 529	-	-	-	1	5	-	-	-	5
530 - 539	-	-	-	1	9	1	-	-	10
540 - 549	-	-	1	1	-	-	-	-	1
550 - 559	-	-	1	1	1	-	-	-	2
560 - 569	-	-	-	-	-	1	-	-	1
580 - 589	-	-	-	-	-	1	-	-	1
590 - 599	-	-	-	-	-	2	-	-	2
600 - 609	-	-	-	-	1	-	-	-	1
610 - 619	-	-	-	-	1	1	-	-	2
630 - 639	-	-	-	1	-	1	-	-	2
640 - 649	-	-	-	-	1	-	-	-	1
670 - 679	-	-	-	-	-	3	-	-	3
680 - 689	-	-	-	-	-	1	-	-	1
710 - 719	-	-	-	-	-	1	-	-	1
720 - 729	-	-	-	-	-	2	-	-	2
730 - 739	-	-	-	-	-	1	-	-	1
760 - 769	-	-	-	-	-	1	-	-	1

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1968 - Continued

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBEP	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
790 - 799	-	-	-	-	-	1	-	-	1
800 - 809	-	-	-	-	-	1	-	-	1
810 - 819	-	-	-	-	-	1	-	-	1
830 - 839	-	-	-	-	-	1	-	-	1
860 - 869	-	-	-	-	-	5	-	-	5
900 - 909	-	-	-	-	-	1	-	-	1
920 - 929	-	-	-	-	-	1	-	-	1
1090 - 1099	-	-	-	-	-	1	-	-	1
TOTAL VESSELS . .	695	546	1,410	1,253	4,237	5,173	298	63	13,150
TOTAL GROSS TONNAGE.	46,433	27,914	26,049	54,146	226,255	176,441	5,969	1,844	522,556

1/ INCLUDES SAILING VESSELS.

LENGTH DISTRIBUTION OF U.S. FISHING VESSELS, 1968

LENGTH IN FEET	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC
	NUMBER	NUMBER	NUMBER	NUMBER
20 - 29	11	7	3	58
30 - 39	122	107	937	366
40 - 49	105	104	287	324
50 - 59	119	97	84	258
60 - 69	93	100	26	173
70 - 79	94	61	18	14
80 - 89	72	27	11	4
90 - 99	32	10	5	5
100 - 109	27	20	12	4
119 - 119	10	-	1	3
120 - 129	2	6	23	25
130 - 139	8	1	-	5
140 - 149	-	4	1	7
150 - 159	-	-	-	1
160 - 169	-	1	2	5
170 - 179	-	-	-	1
190 - 199	-	1	-	-
TOTAL	695	546	1,410	1,253

LENGTH IN FEET	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
20 - 29	45	710	20	-	853
30 - 39	736	2,364	185	8	4,780
40 - 49	937	1,326	75	20	3,082
50 - 59	1,035	282	16	14	1,752
60 - 69	1,195	178	1	11	1,651
70 - 79	193	111	1	9	442
80 - 89	11	61	-	1	157
90 - 99	3	26	-	-	70
100 - 109	6	17	-	-	65
110 - 119	3	38	-	-	54
120 - 129	13	17	-	-	56
130 - 139	12	17	-	-	39
140 - 149	11	3	-	-	22
150 - 159	11	13	-	-	24
160 - 169	23	5	-	-	30
170 - 179	-	4	-	-	5
180 - 189	-	1	-	-	1
190 - 199	3	-	-	-	4
TOTAL	4,237	5,173	298	63	13,150

1/ INCLUDES SAILING VESSELS.

U.S. FISHING VESSELS BY YEAR BUILT AND REGION, 1968

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1867	-	1	-	-	-	-	-	-	1
1872	-	1	-	-	-	-	-	-	1
1873	-	1	-	-	-	-	-	-	1
1875	1	1	1	-	-	-	-	-	1
1876	-	2	-	-	-	-	-	-	2
1880	-	1	-	-	-	-	-	-	1
1883	-	1	-	-	-	-	-	-	1
1884	1	1	1	-	-	-	-	-	3
1886	-	2	1	-	-	-	-	-	3
1887	1	2	-	-	-	1	-	-	4
1888	-	1	-	-	1	1	-	-	3
1889	-	-	-	-	1	-	-	-	1
1891	-	-	1	-	1	-	-	-	2
1893	-	2	-	-	1	1	-	-	4
1894	-	-	-	-	-	1	-	-	1
1895	-	1	-	-	-	-	-	-	1
1896	-	-	1	1	-	-	-	-	2
1897	-	-	1	1	-	-	-	-	1
1898	-	-	-	1	1	-	-	-	2
1899	-	-	-	1	-	-	-	-	1
1900	-	1	2	-	2	1	-	-	6
1901	-	5	8	1	3	1	-	-	18
1902	2	1	1	-	-	-	-	-	4
1903	2	4	-	-	3	4	-	-	13
1904	1	1	5	-	3	1	-	-	11
1905	-	4	6	-	8	3	-	-	20
1906	1	6	5	-	4	2	-	-	18
1907	1	3	1	-	1	8	1	-	15
1908	-	-	3	-	-	8	-	-	11
1909	-	7	3	-	3	9	-	-	22
1910	2	5	4	1	-	8	-	-	19
1911	2	5	3	3	3	17	1	-	34
1912	-	-	6	-	2	29	1	-	38
1913	-	5	6	1	1	37	1	-	51
1914	2	1	6	-	2	36	2	-	49
1915	1	-	6	1	3	49	-	-	60
1916	-	1	3	1	2	24	1	-	32
1917	6	6	7	1	5	82	-	-	102
1918	5	6	7	2	6	64	-	-	83
1919	1	4	2	1	-	43	-	-	50
1920	1	3	8	2	4	75	-	-	92
1921	2	2	3	4	1	21	1	-	34
1922	3	3	10	3	4	17	1	-	39
1923	3	4	11	6	10	17	-	-	51
1924	8	11	9	5	20	42	2	-	94
1925	11	5	11	6	15	59	-	-	103
1926	10	5	8	3	11	78	4	1	119
1927	7	8	14	11	13	104	3	1	155
1928	13	10	13	3	24	114	2	2	179
1929	12	8	8	5	23	90	4	2	148
1930	8	14	10	17	13	66	4	2	128
1931	6	6	9	7	14	36	2	-	80
1932	8	1	7	7	8	17	1	-	48
1933	5	3	12	3	10	16	4	-	53
1934	7	2	22	8	10	26	7	1	83
1935	2	2	16	8	21	62	10	1	121
1936	11	8	22	11	39	52	14	-	154
1937	15	6	19	14	51	66	13	1	180
1938	8	8	23	15	53	74	11	3	185
1939	15	4	19	11	28	98	6	1	179
1940	13	8	28	5	35	95	10	2	196
1941	30	12	11	17	34	100	6	-	201
1942	20	23	21	28	33	144	3	2	258
1943	19	27	22	27	49	153	5	-	281
1944	45	20	32	40	78	242	13	2	449
1945	48	34	38	30	82	240	21	-	479
1946	41	36	57	73	117	255	33	10	603
1947	31	19	44	58	125	218	23	14	522
1948	20	13	63	35	158	164	25	-	469
1949	20	10	45	50	82	158	7	3	369

(CONTINUED ON NEXT PAGE)

U.S. FISHING VESSELS BY YEAR BUILT AND REGION, 1968 - Continued

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESA- PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1950.	10	9	36	22	86	113	12	1	282
1951.	13	10	26	30	89	150	5	-	308
1952.	18	7	32	22	101	157	8	-	341
1953.	11	13	29	23	183	109	3	3	358
1954.	7	8	40	38	179	60	2	-	322
1955.	9	6	38	37	83	79	4	1	242
1956.	11	11	68	49	106	71	2	-	297
1957.	7	11	60	52	180	77	3	-	363
1958.	5	3	44	56	237	63	8	-	389
1959.	13	8	54	40	100	63	- 6	-	266
1960.	6	5	43	15	77	54	1	-	198
1961.	13	7	32	24	83	71	-	2	221
1962.	10	6	21	25	96	86	-	-	225
1963.	9	8	27	35	177	96	1	2	336
1964.	12	6	20	30	155	105	-	2	312
1965.	14	4	29	25	221	105	-	3	384
1966.	24	8	40	42	257	127	-	-	465
1967.	21	9	41	57	325	119	1	1	536
1968.	10	7	9	36	265	90	-	-	410
UNKNOWN	1	3	16	67	16	49	-	-	151
TOTAL VESSELS	695	546	1,410	1,253	4,237	5,173	298	63	13,150

1/ INCLUDES SAILING VESSELS.

GENERAL REVIEW

U.S. FISHING VESSELS BY GEAR AND CONSTRUCTION, 1968

GEAR	WOOD	STEEL	ALUMINUM	FIBERGLASS	OTHER	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HAUL SEINES:						
COMMON	76	3	-	1	-	80
LONG	9	-	-	-	-	9
DANISH	2	-	-	-	-	2
STOP SEINES	14	-	-	-	-	14
PURSE SEINES:						
ANCHOVY	18	1	-	-	-	19
HERRING	23	9	-	1	-	33
MACKEREL	51	2	-	-	-	53
MENHADEN	40	94	-	-	-	134
SALMON	938	66	1	23	-	1,028
TUNA	91	49	-	-	-	140
OTHER	3	2	-	-	-	5
LAMPARA NETS:						
SQUID	6	-	-	-	-	6
OTHER	18	-	-	-	-	18
BAG NETS	7	-	-	-	-	7
BUTTERFLY NETS	20	-	-	-	-	20
BEAM TRAWLS, SHRIMP	20	2	-	-	-	22
OTTER TRAWLS:						
CRAB	164	-	-	-	-	164
FISH	1,048	109	-	1	1	1,159
LOBSTER	106	16	-	-	1	123
SCALLOP	8	-	-	-	-	8
SHRIMP	3,731	562	-	-	2	4,295
MID-WATER TRAWLS	9	-	-	-	-	9
POUND NETS:						
FISH	89	6	-	-	-	95
CRAB	4	-	-	-	-	4
TRAP NETS	11	37	-	-	-	48
FLOATING TRAPS	9	4	-	-	-	13
FYKE AND HOOP NETS, FISH	4	1	-	-	-	5
POTS AND TRAPS:						
CONCH	4	-	-	-	-	4
CRAB:						
BLUE	435	-	-	-	-	435
DUNGENESS	478	42	-	6	-	526
KING	207	67	-	2	-	276
OTHER	127	39	-	1	-	167
EEL	6	-	-	-	-	6
FISH	59	2	-	-	-	61
LOBSTER:						
NORTHERN	72	3	-	2	-	77
SPINY	245	6	-	1	73	325
SHRIMP	7	-	-	-	-	7
GILL NETS:						
ANCHOR SET OR STAKE:						
SALMON	45	2	-	-	-	47
OTHER	169	-	-	-	-	169
DRIFT:						
BARRACUDA	5	-	-	-	-	5
SALMON	749	45	12	95	-	901
SEA BASS	22	3	-	-	-	25
SHAD	1	-	-	-	-	1
OTHER	105	-	-	-	-	105
RUNAROUND	93	2	-	-	-	95
GREAT LAKES:						
1-1/4 - 2 INCH MESH	13	6	-	-	-	19
2-1/8 - 3-7/8 INCH MESH	84	128	-	-	-	212
4 - 7 INCH MESH	58	71	-	-	-	129
7-1/8 - 14 INCH MESH	2	7	-	-	-	9
TRAMMEL NETS	33	-	-	-	-	33
LINES:						
HAND:						
ALBACORE	93	35	-	-	-	128
ROCKFISHES	99	5	-	1	-	105
YELLOWFIN	42	20	-	-	-	62
OTHER	459	17	-	2	4	482
TROLL:						
SALMON	2,205	99	3	28	5	2,340
TUNA	1,406	98	1	9	-	1,514
OTHER	80	-	-	2		82
LONG OR SET WITH HOOKS	307	31	-	1	-	339
TROT WITH BAITS	115	-	-	-	-	115
DIP NETS, COMMON	5	-	-	-	-	5
BRAIL OR SCOOP NETS	25	2	-	-	-	27
LIFT NETS	1	-	-	-	-	1

(CONTINUED ON NEXT PAGE)

U.S. FISHING VESSELS BY GEAR AND CONSTRUCTION, 1968 - Continued

GEAR	WOOD	STEEL	ALUMINUM	FIBERGLASS	OTHER	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HARPOONS:						
SWORDFISH	37	-	-	1	-	38
WHALE	3	-	-	-	-	3
OTHER	3	-	-	-	-	3
SCRAPES	13	-	-	-	-	13
DREDGES:						
CLAM.	271	14	-	-	-	285
CONCH	1	-	-	-	-	1
CRAB.	172	-	-	-	-	172
MUSSEL.	1	-	-	-	-	1
OYSTER:						
COMMON.	729	14	-	-	-	743
SUCTION	2	-	-	-	-	2
SCALLOP:						
BAY	7	-	-	-	-	7
SEA	105	21	-	-	1	127
TONGS AND OYSTER GRABS:						
OYSTER.	600	-	-	-	-	600
OTHER	77	1	-	-	-	78
DIVING OUTFITS:						
ABALONE	32	2	-	-	-	34
SPONGE.	13	-	-	-	-	13
BY HAND	2	-	-	-	-	2
TOTAL, EXCLUSIVE OF DUPLICATION.	11,578	1,326	16	148	83	13,150

CATCH BY REGION, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	2,643	51	15	(1)	36,282	597	18,345	283	99	3
AMBERJACK	-	-	1	(1)	-	-	26	2	14	1
ANCHOVIES	24	3	-	-	-	-	-	-	-	-
ANGELFISH	-	-	-	-	-	-	5	(1)	10	(1)
ANGLERFISH	299	22	23	1	-	-	4	(1)	-	-
BALLYHOO	-	-	-	-	-	-	117	21	129	18
BARRACUDA	-	-	-	-	-	-	-	-	1	(1)
BLUEFISH	230	39	1,342	246	382	46	2,806	321	644	67
BLUE RUNNER	-	-	-	-	-	-	50	2	2,296	78
BONITO	22	5	59	8	2	(1)	6	(1)	6	(1)
BOWFIN	-	-	-	-	-	-	-	-	9	(1)
BUFFALOFISH	-	-	-	-	-	-	-	-	662	86
BUTTERFISH	1,077	162	1,701	236	716	72	107	8	-	-
CABIO	-	-	-	-	4	(1)	16	1	82	7
CARP	-	-	60	4	250	6	229	6	37	1
CATFISH AND BULLHEADS	-	-	10	2	1,420	192	15,187	2,929	3,440	989
CIGARFISH	-	-	-	-	-	-	-	-	521	66
COD	48,598	3,384	569	75	50	4	-	-	-	-
CRAPPIE	-	-	-	-	4	(1)	-	-	-	-
CREVALLE	-	-	-	-	-	-	64	2	521	17
CROAKER	-	-	-	-	6	1	1,271	75	3,373	349
CUSK	1,350	84	-	-	-	-	-	-	-	-
DOLPHIN	-	-	-	-	-	-	21	3	76	9
DRUM:										
BLACK	-	-	3	(1)	351	19	99	8	1,212	122
RED	-	-	-	-	(1)	(1)	185	27	2,604	458
EELS:										
COMMON	227	42	297	64	975	158	196	21	1	(1)
CONGER	7	1	1	(1)	-	-	-	-	-	-
FLOUNDERS	94,924	10,548	11,307	1,621	3,426	753	2,770	658	1,501	274
FRIGATE MACKEREL	28	2	-	-	-	-	-	-	-	-
GARFISH	-	-	-	-	(1)	(1)	-	-	595	44
GIZZARD SHAD	-	-	-	-	35	1	-	-	-	-
GOATFISHES	-	-	-	-	-	-	41	5	-	-
GROUPERS	-	-	-	-	-	-	760	135	6,910	1,135
GRUNTS	-	-	(1)	(1)	-	-	27	2	383	42
HADDOCK	70,628	9,290	15	2	-	-	-	-	-	-
HAKE:										
RED	548	16	756	36	17	(1)	-	-	-	-
WHITE	2,777	154	34	2	-	-	-	-	-	-
HALIBUT	251	115	-	-	-	-	-	-	-	-
HARVESTFISH	-	-	-	-	26	4	70	8	-	-
HERRING:										
SEA	91,869	1,918	315	16	51	(1)	-	-	-	-
THREAD	-	-	-	-	-	-	3,411	43	12,006	123
HICKORY SHAD	-	-	-	-	21	1	152	7	-	-
HOGCHOKER	-	-	-	-	(1)	(1)	-	-	-	-
HOGFISH	-	-	-	-	-	-	1	(1)	29	5
JEWFISH	-	-	-	-	-	-	51	6	215	18
KING WHITING OR "KINGFISH"	1	(1)	33	3	90	10	2,349	252	1,964	114
LAUNCE	36	6	-	-	-	-	-	-	-	-
MACKEREL:										
ATLANTIC	5,644	319	1,481	85	489	28	-	-	-	-
KING	-	-	-	-	3	1	2,594	505	3,604	464
SPANISH	-	-	(1)	(1)	60	10	4,484	391	7,232	812
TOTAL MACKEREL	5,644	319	1,481	85	552	39	7,078	896	10,836	1,276
MENHADEN	23	(1)	86,262	1,158	274,077	3,710	191,382	2,200	823,356	10,465
MOJARRA	-	-	-	-	-	-	119	9	192	17
MULLET	2	(1)	20	4	9	1	5,229	385	25,292	1,958
OCEAN PERCH, ATLANTIC	61,323	2,377	-	-	-	-	-	-	-	-
OCEAN POUT	(1)	(1)	-	-	-	-	-	-	-	-
PADDLEFISH	-	-	-	-	-	-	-	-	7	(1)
PERMIT	-	-	-	-	-	-	1	(1)	14	2
PIGFISH	-	-	-	-	3	(1)	138	11	69	4
PIKE OR PICKEREL	-	-	-	-	6	1	-	-	-	-
POLLOCK	7,048	400	10	(1)	-	-	-	-	-	-
POMPANO	-	-	-	-	-	-	595	416	785	530
SALMON, ATLANTIC	(1)	(1)	-	-	-	-	-	-	-	-
SAND PERCH	-	-	-	-	-	-	4	(1)	-	-
SAWFISH	-	-	-	-	-	-	-	-	2	(1)
SCUP OR PORGY	5,915	859	6,220	1,251	2,482	238	257	28	57	7
SEA BASS, BLACK (ATLANTIC)	51	20	606	191	1,722	264	1,478	240	303	35

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY REGION, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SEA CATFISH	-	-	-	-	-	-	24	1	405	29
SEA ROBIN	325	5	62	3	101	1	-	-	-	-
SEA TROUT OR WEAKFISH:										
GRAY	3	(1)	600	40	1,273	116	2,506	128	-	-
SPOTTED	-	-	-	-	6	1	749	226	5,924	1,536
WHITE	-	-	-	-	-	-	-	-	881	62
SHAD	218	62	379	59	3,508	267	2,052	384	-	-
SHARKS:										
GRAYFISH	51	1	143	10	154	6	-	-	-	-
UNCLASSIFIED	2	(1)	6	(1)	47	1	103	4	4	(1)
TOTAL SHARKS	53	1	149	10	201	7	103	4	4	(1)
SHEEPSHEAD:										
FRESH-WATER	-	-	-	-	-	-	-	-	178	20
SALT-WATER	-	-	-	-	-	-	121	10	840	67
SILVERSIDES	-	-	123	20	-	-	-	-	-	-
SKATES	95	4	11	1	-	-	-	-	-	-
SMELT	161	44	-	-	-	-	-	-	-	-
SNAPPER:										
LANE	-	-	-	-	-	-	9	1	10	2
MANGROVE	-	-	-	-	-	-	105	26	471	106
MUTTON	-	-	-	-	-	-	55	20	166	48
RED	-	-	-	-	-	-	1,043	447	10,653	3,643
VERMILION	-	-	-	-	-	-	33	13	124	39
YELLOWTAIL	-	-	-	-	-	-	163	57	1,025	344
SPADEFISH	-	-	-	-	-	-	2	(1)	-	-
SPANISH SARDINES	-	-	-	-	-	-	-	-	245	8
SPOT	-	-	-	-	1,162	118	4,734	437	374	32
STRIPED BASS	987	191	2,059	488	6,146	1,215	1,913	385	-	-
STURGEON, COMMON	7	(1)	20	3	18	3	91	15	58	9
SUCKERS	-	-	1	(1)	1	(1)	5	(1)	-	-
SUNFISH	-	-	-	-	12	1	-	-	-	-
SWELLFISH	-	-	230	17	3,766	88	307	8	-	-
SWORDFISH	389	193	130	56	86	50	-	-	-	-
TARPON	-	-	(1)	1)	-	-	-	-	-	-
TAUTOG	57	2	105	4	1	(1)	-	-	-	-
TENPOUNDER	-	-	-	-	-	-	-	-	801	30
THIMBLE-EYED MACKEREL	(1)	(1)	-	-	-	-	-	-	-	-
TILEFISH	53	8	13	2	(1)	(1)	4	1	6	1
TRIGGERFISH	-	-	-	-	-	-	3	(1)	12	1
TRIPLETAIL	-	-	-	-	-	-	2	(1)	6	(1)
TUNA:										
BLUEFIN	1,608	197	171	15	-	-	-	-	-	-
LITTLE	-	-	13	1	-	-	-	-	-	-
SKIPJACK	-	-	-	-	-	-	293	40	-	-
YELLOWFIN	-	-	-	-	-	-	251	40	-	-
UNCLASSIFIED	-	-	-	-	4	1	-	-	-	-
TOTAL TUNA	1,608	197	184	16	4	1	544	80	-	-
WARSAW	-	-	-	-	-	-	61	6	154	18
WHITE PERCH	13	2	262	50	2,196	292	299	31	-	-
WHITING	71,734	2,329	7,357	454	57	4	-	-	-	-
WOLFFISH	489	23	-	-	-	-	-	-	-	-
YELLOW PERCH	-	-	1	(1)	135	15	46	4	-	-
UNCLASSIFIED:										
FOR FOOD	8,252	698	288	27	52	5	395	33	1,631	135
BAIT, REDUCTION, AND ANIMAL FOOD	80,942	782	9,707	92	878	12	4,043	25	99,894	1,801
TOTAL FISH	560,931	34,358	132,821	6,347	342,562	8,313	274,059	11,352	1,024,115	26,251
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	-	-	358	62	54,186	6,010	33,316	2,994	25,759	2,077
SOFT AND PEELER	-	-	1	(1)	1,808	776	84	31	285	207
GREEN	34	4	-	-	-	-	-	-	-	-
ROCK	1,584	94	52	2	-	-	-	-	-	-
STONE	-	-	-	-	-	-	119	59	1,285	601
TOTAL CRABS	1,618	98	411	64	55,994	6,786	33,519	3,084	27,329	2,885
CRAWFISH, FRESH-WATER	-	-	-	-	-	-	-	-	1,994	355
HORSESHOE CRABS	-	-	82	(1)	-	-	-	-	-	-
LOBSTERS:										
NORTHERN	30,034	23,206	2,378	2,158	116	75	30	13	-	-
SPINY	-	-	-	-	-	-	3,238	2,241	3,921	2,828

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY REGION, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
SHELLFISH, ETC. CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHRIMP	14,572	1,612	-	-	-	-	24,285	13,996	204,024	95,829
CLAMS:										
HARD	2,682	1,917	9,777	8,616	2,395	1,347	241	135	7	4
OCEAN QUAHOG	225	29	-	-	-	-	-	-	-	-
RANGIA	-	-	-	-	-	-	48	15	-	-
RAZOR	6	3	-	-	-	-	-	-	-	-
SOFT	4,493	2,195	293	123	5,582	1,871	-	-	-	-
SUNRAY VENUS	-	-	-	-	-	-	-	-	410	42
SURF	18	5	35,189	3,594	5,345	538	-	-	-	-
TOTAL CLAMS	7,424	4,149	45,259	12,333	13,322	3,756	289	150	417	46
CONCHS	155	43	198	32	443	44	-	-	2	(1)
MUSSELS, SEA	492	47	207	63	-	-	-	-	-	-
OCTOPUS	-	-	-	-	-	-	1	(1)	-	-
OYSTERS, MARKET; EASTERN:										
PUBLIC	7	17	73	68	17,941	11,809	433	269	14,508	5,313
PRIVATE	188	439	1,465	1,424	4,738	3,451	2,532	1,258	12,231	4,961
TOTAL OYSTERS	195	456	1,538	1,492	22,679	15,260	2,965	1,527	26,739	10,274
PERIWINKLES AND COCKLES	45	11	-	-	-	-	-	-	-	-
SCALLOPS:										
BAY	491	776	218	374	-	-	639	422	143	122
CALICO	-	-	-	-	-	-	89	41	-	-
SEA	7,938	8,850	1,978	2,194	2,112	2,268	42	42	-	-
TOTAL SCALLOPS	8,429	9,626	2,196	2,568	2,112	2,268	770	505	143	122
SQUID	1,842	120	1,379	96	445	20	46	3	87	9
SEA URCHINS	83	3	-	-	-	-	-	-	-	-
TERRAPIN	-	-	2	1	7	3	-	-	2	1
TURTLES:										
BABY	-	-	-	-	-	-	-	-	(1)	1
GREEN	-	-	-	-	-	-	(1)	(1)	64	14
LOGGERHEAD	-	-	(1)	(1)	-	-	1	(1)	2	(1)
SNAPPER	-	-	58	9	178	34	19	3	15	4
SOFT-SHELL	-	-	-	-	-	-	202	16	-	-
UNCLASSIFIED	-	-	1	(1)	-	-	-	-	-	-
TOTAL TURTLES	-	-	59	9	178	34	222	19	81	19
FROGS	-	-	-	-	-	-	-	-	12	7
IRISH MOSS	7,300	219	-	-	-	-	-	-	-	-
SPONGES	-	-	-	-	-	-	14	53	42	342
BLOODWORMS	833	1,051	-	-	-	-	-	-	-	-
SANDWORMS	795	658	-	-	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	73,817	41,299	53,709	18,816	95,296	28,246	65,379	21,591	264,793	112,717
GRAND TOTAL	634,748	75,657	186,530	25,163	437,858	36,559	339,438	32,943	1,288,908	138,968

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	27,194	280	-	-	-	-	84,578	1,214
AMBERJACK	-	-	-	-	-	-	86	30	127	33
ANCHOVIES	31,418	294	-	-	-	-	(1)	(1)	31,442	297
ANGELFISH	-	-	-	-	-	-	-	-	15	(1)
ANGLERFISH	-	-	-	-	-	-	-	-	326	23
ARCTIC CHAR	4	1	-	-	-	-	-	-	4	1
BALLYHOO	-	-	-	-	-	-	-	-	246	39
BARRACUDA	140	31	-	-	-	-	7	3	148	34
BLUE PIKE	-	-	(1)	(1)	-	-	-	-	(1)	(1)
BLUEFISH	-	-	-	-	-	-	-	-	5,404	719
BLUE RUNNER	-	-	-	-	-	-	-	-	2,346	80
BONITO	14,922	620	-	-	-	-	-	-	15,017	633
BOWFIN	-	-	2	(1)	131	5	-	-	142	5
BUFFALOFISH	-	-	42	5	18,391	2,376	-	-	19,095	2,467
BURBOT	-	-	219	9	83	4	-	-	302	13

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY REGION, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH	-	-	-	-	-	-	-	-	3,601	478
CABEZONE	20	1	-	-	-	-	-	-	20	1
CABIO	-	-	-	-	-	-	-		102	8
CARP	1,496	31	6,100	207	21,407	749	-	-	29,579	1,004
CATFISH AND BULLHEADS	-	-	981	256	11,877	2,909	-	-	32,915	7,277
CHUBS	-	-	11,126	1,722	58	2	-	-	11,184	1,724
CIGARFISH	-	-	-	-	-	-	-	-	521	66
COD	5,922	341	-	-	-	-	-	-	55,139	3,804
CRAPPIE	-	-	9	2	57	17	-	-	70	19
CREVALLE	-	-	-	-	-	-	85	46	670	65
CROAKER	-	-	-	-	-	-	-	-	4,650	425
CUSK	-	-	-	-	-	-	-	-	1,350	84
DOLPHIN	-	-	-	-	-	-	- 70	- 49	167	61
DRUM:										
BLACK	-	-	-	-	-	-	-	-	1,665	149
RED	-	-	-	-	-	-	-	-	2,789	485
EELS:										
COMMON	-	-	74	19	2	(1)	-	-	1,772	304
CONGER	-	-	-	-	-	-	1	(1)	9	1
FLOUNDERS	44,571	3,555	-	-	-	-	-	-	158,499	17,409
FLYING FISH	74	11	-	-	-	-	-	-	74	11
FRIGATE MACKEREL	-	-	-	-	-	-	-	-	28	2
GARFISH	-	-	-	-	823	51	-	-	1,418	95
GIZZARD SHAD	-	-	30	1	1,517	53	-	-	1,582	55
GOATFISHES	-	-	-	-	-	-	65	39	106	44
GOLDFISH	-	-	107	3	8	(1)	-	-	115	3
GROUPERS	231	53	-	-	-	-	-	-	7,901	1,323
GRUNTS	-	-	-	-	-	-	-	-	410	44
HADDOCK	-	-	-	-	-	-	-	-	70,643	9,292
HAKE:										
PACIFIC	9,396	89	-	-	-	-	-	-	9,396	89
RED	-	-	-	-	-	-	-	-	1,321	52
WHITE	-	-	-	-	-	-	-	-	2,811	156
HALFMOON	50	11	-	-	-	-	-	-	50	11
HALIBUT	25,740	4,227	-	-	-	-	-	-	25,991	4,342
HARDHEAD	244	23	-	-	-	-	-	-	244	23
HARVESTFISH	-	-	-	-	-	-	-	-	96	12
HERRING:										
LAKE	-	-	3,663	423	22	3	-	-	3,685	426
SEA	14,973	384	-	-	-	-	-	-	107,208	2,318
THREAD	-	-	-	-	-	-	-	-	15,417	166
HICKORY SHAD	-	-	-	-	-	-	-	-	173	8
HOGCHOKER	-	-	-	-	-	-	-	-	(1)	(1)
HOGFISH	-	-	-	-	-	-	-	-	30	5
JACK MACKEREL	55,668	2,122	-	-	-	-	241	97	55,909	2,219
JEWFISH	-	-	-	-	-	-	-	-	266	24
KING CROAKER	941	59	-	-	-	-	-	-	941	59
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	-	-	4,437	379
LAKE TROUT	23	4	279	168	-	-	-	-	302	172
LAUNCE	-	-	-	-	-	-	-	-	36	6
LINGCOD	8,965	542	-	-	-	-	-	-	8,965	542
MACKEREL:										
ATLANTIC	-	-	-	-	-	-	-	-	7,614	432
KING	-	-	-	-	-	-	-	-	6,201	970
PACIFIC	3,134	168	-	-	-	-	-	-	3,134	168
SPANISH	-	-	-	-	-	-	-	-	11,776	1,213
TOTAL MACKEREL	3,134	168	-	-	-	-	-	-	28,725	2,783
MARLIN	-	-	-	-	-	-	524	224	524	224
MENHADEN	-	-	-	-	-	-	-	-	1,375,100	17,533
MINNOW	-	-	-	-	(1)	(1)	-	-	(1)	(1)
MOJARRA	-	-	-	-	-	-	-	-	311	26
MOONEYE	-	-	(1)	(1)	133	35	-	-	133	35
MULLET	-	-	-	-	-	-	28	29	30,580	2,377
OCEAN PERCH:										
ATLANTIC	-	-	-	-	-	-	-	-	61,323	2,377
PACIFIC	13,466	727	-	-	-	-	-	-	13,466	727
OCEAN POUT	-	-	-	-	-	-	-	-	(1)	(1)
OPALEYE	11	2	-	-	-	-	-	-	11	2
PADDLEFISH	-	-	-	-	442	49	-	-	449	49
PERCH	335	55	-	-	-	-	-	-	335	55
PERMIT	-	-	-	-	-	-	-	-	15	2
PIGFISH	-	-	-	-	-	-	-	-	210	15
PIKE OR PICKEREL	(1)	(1)	85	7	26	3	-	-	117	11
POLLOCK	348	5	-	-	-	-	-	-	7,406	405

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY REGION, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
POMPANO	269	51	-	-	-	-	-	-	1,649	997
QUILLBACK	-	-	14	1	517	27	-	-	531	28
RATFISH	799	9	-	-	-	-	-	-	799	9
ROCK BASS	-	-	26	2	-	-	-	-	26	2
ROCKFISHES	25,423	1,516	-	-	-	-	-	-	25,423	1,516
RUDDERFISH	-	-	-	-	-	-	2	(1)	2	(1)
SABLEFISH	4,471	367	-	-	-	-	-	-	4,471	367
SALMON:										
ATLANTIC	-	-	-	-	-	-	-	-	(1)	(1)
CHINOOK OR KING	25,838	11,036	-	-	-	-	-	-	25,838	11,036
CHUM OR KETA	61,466	8,374	-	-	-	-	-	-	61,466	8,374
PINK	148,472	20,496	-	-	-	-	-	-	148,472	20,496
RED OR SOCKEYE	54,047	15,020	-	-	22	12	-	-	54,069	15,032
SILVER OR COHO	37,786	11,748	1,999	320	-	-	-	-	39,785	12,068
TOTAL SALMON	327,609	66,674	1,999	320	22	12	-	-	329,630	67,006
SAND PERCH	-	-	-	-	-	-	-	-	4	(1)
SARDINE, PACIFIC	124	15	-	-	-	-	(1)	(1)	124	15
SAUGER	-	-	16	1	-	-	-	-	16	1
SAWFISH	-	-	-	-	-	-	-	-	2	(1)
SCULPIN	125	35	(1)	(1)	-	-	-	-	125	35
SCUP OR PORGY	-	-	-	-	-	-	-	-	14,931	2,383
SEA BASS:										
BLACK (ATLANTIC)	-	-	-	-	-	-	-	-	4,160	750
BLACK (PACIFIC)	158	29	-	-	-	-	21	12	179	41
WHITE	862	259	-	-	-	-	-	-	862	259
SEA CATFISH	-	-	-	-	-	-	-	-	429	30
SEA ROBIN	-	-	-	-	-	-	-	-	488	9
SEA TROUT OR WEAKFISH:										
GRAY	-	-	-	-	-	-	-	-	4,362	284
SPOTTED	-	-	-	-	-	-	-	-	6,679	1,763
WHITE	-	-	-	-	-	-	-	-	881	62
SHAD	862	96	-	-	-	-	-	-	7,019	868
SHARKS:										
GRAYFISH	722	5	-	-	-	-	-	-	1,070	22
UNCLASSIFIED	511	50	-	-	-	-	-	-	673	55
TOTAL SHARKS	1,233	55	-	-	-	-	-	-	1,743	77
SHEEFISH	3	1	-	-	-	-	-	-	3	1
SHEEPSHEAD:										
FRESH-WATER	-	-	3,154	65	4,417	288	-	-	7,749	373
SALT-WATER	13	1	-	-	-	-	-	-	974	78
SILVERSIDES	-	-	-	-	-	-	-	-	123	20
SKATES	942	16	-	-	-	-	-	-	1,048	21
SMELT	1,674	180	3,115	98	-	-	-	-	4,950	322
SNAPPER:										
LANE	-	-	-	-	-	-	-	-	19	3
MANGROVE	-	-	-	-	-	-	-	-	576	132
MUTTON	-	-	-	-	-	-	-	-	221	68
RED	-	-	-	-	-	-	92	97	11,788	4,187
VERMILION	-	-	-	-	-	-	-	-	157	52
YELLOWTAIL	-	-	-	-	-	-	-	-	1,188	401
UNCLASSIFIED	-	-	-	-	-	-	139	78	139	78
SPADEFISH	-	-	-	-	-	-	-	-	2	(1)
SPANISH SARDINES	-	-	-	-	-	-	-	-	245	8
SPOT	-	-	-	-	-	-	1	(1)	6,271	587
STEELHEAD TROUT	678	187	-	-	-	-	-	-	678	187
STRIPED BASS	27	4	-	-	-	-	-	-	11,132	2,283
STURGEON:										
COMMON	411	48	3	3	-	-	-	-	608	81
SHOVELNOSE, ETC.	-	-	-	-	46	11	-	-	46	11
SUCKERS	9	(1)	958	28	1,514	39	-	-	2,488	67
SUNFISH	-	-	10	1	-	-	-	-	22	2
SWELLFISH	-	-	-	-	-	-	-	-	4,303	113
SWORDFISH	200	134	-	-	-	-	10	2	815	435
TARPON	-	-	-	-	-	-	-	-	(1)	(1)
TAUTOG	-	-	-	-	-	-	-	-	163	6
TENPOUNDER	-	-	-	-	-	-	5	1	806	31
THIMBLE-EYED MACKEREL	-	-	-	-	-	-	-	-	(1)	(1)
TILEFISH	-	-	-	-	-	-	-	-	76	12
TOMCOD	227	3	-	-	-	-	-	-	227	3
TRIGGERFISH	-	-	-	-	-	-	3	1	18	2
TRIPLETAIL	-	-	-	-	-	-	-	-	8	(1)
TULLIBEE	-	-	1,102	38	-	-	-	-	1,102	38

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY REGION, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
TUNA:										
ALBACORE.	55,879	11,349	-	-	-	-	23	8	55,902	11,357
BLUEFIN	12,936	1,956	-	-	-	-	2/ 564	2/ 499	15,279	2,667
LITTLE.	-	-	-	-	-	-	27	5	40	6
SKIPJACK.	59,235	7,770	-	-	-	-	9,316	1,539	68,844	9,349
YELLOWFIN	153,136	23,830	-	-	-	-	412	205	153,799	24,075
UNCLASSIFIED. . . .	-	-	-	-	-	-	-	-	4	1
TOTAL TUNA. . .	281,186	44,905	-	-	-	-	10,342	2,256	293,868	47,455
TURBOT.	70	4	-	-	-	-	-	-	70	4
WAHOO	6	1	-	-	-	-	24	7	30	8
WARSAW.	-	-	-	-	-	-	-	-	215	24
WHITEBAIT	238	21	-	-	-	-	-	-	238	21
WHITE BASS.	-	-	729	158	22	4	-	-	751	162
WHITEFISH:										
COMMON.	19	4	1,768	1,070	27	13	-	-	1,814	1,087
MENOMINEE	-	-	103	18	-	-	-	-	103	18
WHITE PERCH	-	-	105	36	-	-	-	-	2,875	411
WHITING	-	-	-	-	-	-	-	-	79,148	2,787
WOLFFISH.	-	-	-	-	-	-	-	-	489	23
YELLOW BASS	-	-	-	-	12	1	-	-	12	1
YELLOW PERCH.	-	-	5,303	623	599	149	-	-	6,084	791
YELLOW PIKE	-	-	667	299	656	216	-	-	1,323	515
YELLOWTAIL.	163	18	-	-	-	-	-	-	163	18
UNCLASSIFIED:										
FOR FOOD.	141	4	-	-	(1)	(1)	1,081	405	11,840	1,307
BAIT, REDUCTION, AND ANIMAL FOOD. .	2,590	52	-	-	1)	(1)	-	-	198,054	2,764
TOTAL FISH. . .	882,624	128,045	68,983	5,863	62,809	7,016	12,827	3,376	3,361,731	230,921
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD.	-	-	-	-	-	-	-	-	113,619	11,143
SOFT AND PEELER .	-	-	-	-	-	-	-	-	2,178	1,014
DUNGENESS	49,970	9,235	-	-	-	-	-	-	49,970	9,235
GREEN	-	-	-	-	-	-	-	-	34	4
KING.	82,038	21,878	-	-	-	-	-	-	82,038	21,878
ROCK.	351	37	-	-	-	-	-	-	1,987	133
STONE	-	-	-	-	-	-	-	-	1,404	660
TANNER.	3,247	324	-	-	-	-	-	-	3,247	324
UNCLASSIFIED. . . .	-	-	-	-	-	-	46	42	46	42
TOTAL CRABS . .	135,606	31,474	-	-	-	-	46	42	254,523	44,433
ARTEMIA (BRINE SHRIMP) EGGS	-	-	-	-	139	56	-	-	139	56
CRAWFISH, FRESH-WATER	2	1	-	-	3,922	698	-	-	5,918	1,054
HORSESHOE CRAB. . . .	-	-	-	-	-	-	-	-	82	(1)
LIMPET.	-	-	-	-	-	-	5	19	5	19
LOBSTERS:										
NORTHERN.	-	-	-	-	-	-	-	-	32,558	25,452
SLIPPER	-	-	-	-	-	-	(1)	(1)	(1)	(1)
SPINY	312	293	-	-	-	-	5	5	7,476	5,367
SHRIMP.	56,406	3,427	-	-	1	1	1	1	299,289	114,866
ABALONE	895	1,124	-	-	-	-	-	-	895	1,124
CLAMS:										
HARD.	324	157	-	-	-	-	-	-	15,426	12,176
OCEAN QUAHOG. . . .	-	-	-	-	-	-	-	-	225	29
RANGIA.	-	-	-	-	-	-	-	-	48	15
RAZOR	205	132	-	-	-	-	-	-	211	135
SOFT.	-	-	-	-	-	-	-	-	10,368	4,189
SUNRAY VENUS. . . .	-	-	-	-	-	-	-	-	410	42
SURF.	-	-	-	-	-	-	-	-	40,552	4,137
MIXED	6	5	-	-	-	-	-	-	6	5
TOTAL	535	294	-	-	-	-	-	-	67,246	20,728
CONCHS.	-	-	-	-	-	-	-	-	798	119
MUSSELS, SEA.	-	-	-	-	-	-	-	-	699	110
MUSSEL SHELLS	-	-	-	-	5,884	412	-	-	5,884	412
PEARLS AND SLUGS. . .	-	-	-	-	-	3	-	-	-	3
OCTOPUS	44	4	-	-	-	-	6	4	51	8
OYSTERS, MARKET:										
EASTERN:										
PUBLIC.	-	-	-	-	-	-	-	-	32,962	17,476
PRIVATE	16	48	-	-	-	-	-	-	21,170	11,581

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY REGION, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
SHELLFISH, ETC. CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS, MARKET CONTINUED:										
PACIFIC	1,696	2,778	-	-	-	-	-	-	1,696	2,778
WESTERN	58	175	-	-	-	-	-	-	58	175
TOTAL OYSTERS .	1,770	3,001	-	-	-	-	-	-	61,886	32,010
PERIWINKLES AND COCKLES.	-	-	-	-	-	-	-	-	45	11
SCALLOPS:										
BAY	-	-	-	-	-	-	-	-	1,491	1,694
CALICO.	-	-	-	-	-	-	-	-	89	41
SEA	1,748	1,622	-	-	-	-	-	-	13,818	14,976
TOTAL SCALLOPS.	1,746	1,622	-	-	-	-	-	-	15,398	16,711
SQUID	24,934	553	-	- -	-	-	3	2	28,736	803
MOLLUSKS, UNCLASSIFIED	(1)	2	-	-	-	-	(1)	(1)	(1)	2
SEA URCHINS	-	-	-	-	-	-	(1)	(1)	83	3
TERRAPIN.	-	-	-	-	-	-	-	-	11	5
TURTLES:										
BABY.	-	-	-	-	4	28	-	-	4	29
GREEN	-	-	-	-	-	-	-	-	64	14
LOGGERHEAD.	-	-	-	-	-	-	-	-	3	(1)
SLIDER.	-	-	-	-	17	1	-	-	17	1
SNAPPER	-	-	-	-	73	16	-	-	343	66
SOFT-SHELL.	-	-	-	-	(1)	2	-	-	202	18
UNCLASSIFIED. . . .	-	-	-	-	(1)	(1)	3	2	4	2
TOTAL TURTLES .	-	-	-	-	94	47	3	2	637	130
FROGS	-	-	-	-	43	26	-	-	55	33
KELP (WITH HERRING EGGS).	126	158	-	-	-	-	-	-	126	158
IRISH MOSS.	-	-	-	-	-	-	-	-	7,300	219
SEA WEED.	-	-	-	-	-	-	(1)	(1)	(1)	(1)
SPONGES	-	-	-	-	-	-	-	-	56	395
BLOODWORMS.	-	-	-	-	-	-	-	-	833	1,051
SANDWORMS	-	-	-	-	-	-	-	-	795	658
TOTAL SHELLFISH, ETC.	228,378	41,953	-	-	10,083	1,243	69	75	791,524	265,940
WHALE PRODUCTS										
MEAL.	2,190	131	-	-	-	-	-	-	2,190	131
MEAT.	1,863	149	-	-	-	-	-	-	1,863	149
OIL:										
SPERM	965	46	-	-	-	-	-	-	965	46
WHALE	1,429	70	-	-	-	-	-	-	1,429	70
TOTAL WHALE PRODUCTS . . .	6,447	396	-	-	-	-	-	-	6,447	396
GRAND TOTAL . .	1,117,449	170,394	68,983	5,863	72,892	8,259	12,896	3,451	4,159,702	497,257

1/ LESS THAN 500 POUNDS OR $500.

2/ INCLUDES DATA ON THE CATCH OF BIGEYE TUNA.

CATCH BY GEAR, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	NEW ENGLAND		MIDDLE ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	463	22	1,705	353
STOP NETS AND SEINES	34,581	850	-	-
PURSE SEINES	44,859	882	85,152	1,171
BAG NETS	49	11	-	-
OTTER TRAWLS	457,920	34,756	41,161	5,094
WEIRS	15,105	368	110	11
POUND NETS	3,576	236	3,870	343
FLOATING TRAPS	6,757	761	-	-
FYKE AND HOOP NETS	-	-	89	11
POTS AND TRAPS	28,017	20,025	1,973	1,136
GILL NETS	6,230	417	2,089	353
HOOKS AND BAITS	8,795	870	854	181
DIP NETS	2,382	77	-	-
HARPOONS	341	120	-	-
SPEARS	32	7	51	12
DREDGES	9,480	10,185	41,430	9,806
TONGS AND RAKES 5/	9,551	2,079	7,085	6,228
HOES AND FORKS	6,505	3,927	49	22
HOOKS	-	-	1	(6)
DIVING OUTFITS	55	51	-	-
BY HAND	50	13	911	442
TOTAL	634,748	75,657	186,530	25,163

GEAR	CHESAPEAKE		SOUTH ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	4,864	387	11,040	894
PURSE SEINES	255,781	3,427	194,356	2,324
BAG NETS	-	-	358	152
OTTER TRAWLS	8,914	1,385	45,825	15,840
POUND NETS	58,275	1,701	15,313	442
FYKE AND HOOP NETS	4,351	168	754	145
POTS AND TRAPS	39,292	4,570	28,744	4,974
GILL NETS	9,455	1,205	18,917	2,440
TRAMMEL NETS	-	-	301	157
HOOKS AND BAITS	7,478	949	16,816	3,270
DIP NETS	74	15	2,895	51
CAST NETS	-	-	39	11
SPEARS	-	-	55	17
SCRAPES	1,063	420	-	-
DREDGES	30,350	10,712	968	622
TONGS AND RAKES 5/	17,863	11,571	1,524	818
HOOKS	6	1	14	53
DIVING OUTFITS	-	-	1	1
BY HAND	92	48	1,518	732
TOTAL	437,858	36,559	339,438	32,943

GEAR	GULF		PACIFIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	10,946	945	1/ 3,628	1/ 291
PURSE SEINES	835,693	10,660	545,133	64,343
BEAM TRAWLS	-	-	2,170	157
OTTER TRAWLS	312,950	98,640	157,239	9,835
MID-WATER TRAWLS	-	-	9,018	81
WEIRS	-	-	111	17
POUND NETS	-	-	87	34
FLOATING TRAPS	-	-	889	124
FYKE AND HOOP NETS	1,396	293	-	-
POTS AND TRAPS	28,952	5,610	136,172	31,787
GILL NETS	31,187	3,510	108,249	24,288
TRAMMEL NETS	11,420	1,566	(2)	(2)
HOOKS AND BAITS	27,854	6,730	133,890	32,316
DIP NETS	974	142	3/ 2,677	3/ 227
REEF NETS	-	-	436	182
WHEELS	-	-	8	2
CAST NETS	6	1	-	-
HARPOONS	-	-	6,699	537
SPEARS	67	18	-	-
DREDGES	20,106	7,796	4/ 9,259	4/ 4,512
TONGS AND RAKES 5/	7,136	2,611	302	114
SHOVELS	-	-	456	261
BRUSH TRAPS	106	63	-	-
GRABS	12	7	-	-
HOOKS	17	64	-	-
DIVING OUTFITS	30	278	895	1,125
BY HAND	56	34	4/ 131	4/ 160
TOTAL	1,288,908	138,968	1,117,449	170,393

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY GEAR, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	8,169	418	19,587	1,042
OTTER TRAWLS	13,609	165	774	24
WEIRS	1,970	307	868	30
POUND NETS	16,708	337	21	3
TRAP NETS	5,496	996	922	32
FYKE AND HOOP NETS	611	38	13,668	1,788
POTS AND TRAPS	-	-	5,140	918
SLAT TRAPS	-	-	109	27
GILL NETS	22,236	3,554	10,815	1,498
TRAMMEL NETS	-	-	8,030	874
HOOKS AND BAITS	184	48	5,391	1,446
ELECTRICAL DEVICES	-	-	12	1
DIP NETS	-	-	1,505	92
DREDGES	-	-	210	63
TONGS AND RAKES 5/	-	-	26	16
CROWFOOT BARS	-	-	4,515	302
DIVING OUTFITS	-	-	620	38
BY HAND	-	-	679	65
TOTAL	68,983	5,863	72,892	8,259

GEAR	HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	44	17	60,446	4,369
STOP NETS AND SEINES	-	-	34,581	850
PURSE SEINES	-	-	1,960,974	82,807
BAG NETS	742	264	1,149	427
BEAM TRAWLS	-	-	2,170	157
OTTER TRAWLS	-	-	1,038,392	165,739
MID-WATER TRAWLS	-	-	9,018	81
WEIRS	-	-	18,164	733
POUND NETS	-	-	97,850	3,096
TRAP NETS	-	-	6,418	1,028
FLOATING TRAPS	-	-	7,646	885
FYKE AND HOOP NETS	-	-	20,869	2,443
POTS AND TRAPS	70	36	268,360	69,056
SLAT TRAPS	-	-	109	27
GILL NETS	107	62	209,285	37,327
TRAMMEL NETS	-	-	19,751	2,597
HOOKS AND BAITS	11,741	2,954	213,003	48,764
ELECTRICAL DEVICES	-	-	12	1
DIP NETS	-	-	10,507	604
LIFT NETS	146	78	146	78
REEF NETS	-	-	436	182
WHEELS	-	-	8	2
CAST NETS	5	3	50	15
HARPOONS	-	-	7,040	657
SPEARS	5	3	210	57
SCRAPES	-	-	1,063	420
DREDGES	-	-	111,803	43,696
TONGS AND RAKES 5/	-	-	43,487	23,437
HOES AND FORKS	-	-	6,554	3,949
SHOVELS	-	-	456	261
BRUSH TRAPS	-	-	106	63
CROWFOOT BARS	-	-	4,515	302
GRABS	-	-	12	7
HOOKS	-	-	38	118
DIVING OUTFITS	-	-	1,601	1,493
BY HAND	5	19	3,442	1,513
UNCLASSIFIED GEAR	31	15	31	15
TOTAL	12,896	3,451	4,159,702	497,256

1/ THE CATCH BY HAUL SEINES IN ALASKA AND BY LAMPARA NETS IN CALIFORNIA HAS BEEN INCLUDED WITH PURSE SEINES.

2/ THE CATCH BY TRAMMEL NETS IN CALIFORNIA HAS BEEN INCLUDED WITH GILL NETS.

3/ THE CATCH BY BRAIL OR SCOOP NETS IN CALIFORNIA HAS BEEN INCLUDED WITH DIP NETS.

4/ THE CATCH BY HAND IN WASHINGTON AND OREGON HAS BEEN INCLUDED WITH THE CATCH BY DREDGES. IN CALIFORNIA THIS CATCH HAS BEEN INCLUDED WITH TONGS.

5/ INCLUDES CATCH BY OYSTER GRABS.

6/ LESS THAN $500.

CATCH FROM WATERS OFF THE UNITED STATES AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1968

(THOUSANDS OF POUNDS)

AREA AND SPECIES	WATERS OFF U.S. COASTS	HIGH SEAS OFF FOREIGN COASTS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
ATLANTIC AND GULF STATES:			
NEW ENGLAND:			
COD	46,979	1,619	48,598
CUSK.	1,262	88	1,350
FLOUNDERS	94,612	312	94,924
HADDOCK	64,518	6,110	70,628
HAKE, WHITE	2,647	130	2,777
HALIBUT	206	45	251
OCEAN PERCH	14,502	46,821	61,323
POLLOCK	6,477	571	7,048
SWORDFISH	373	16	389
WOLFFISH.	362	127	489
UNCLASSIFIED.	346,902	69	346,971
TOTAL	578,840	55,908	634,748
MIDDLE ATLANTIC STATES, UNCLASSIFIED, TOTAL. . .	186,530	-	186,530
CHESAPEAKE STATES, UNCLASSIFIED, TOTAL. . . .	437,858	-	437,858
SOUTH ATLANTIC STATES, UNCLASSIFIED, TOTAL. . .	339,438	-	339,438
GULF:			
GROUPERS.	6,375	535	6,910
SNAPPER, RED.	7,135	3,518	10,653
SHRIMP.	180,701	23,323	204,024
LOBSTERS, SPINY	108	3,813	3,921
UNCLASSIFIED.	1,063,327	73	1,063,400
TOTAL	1,257,646	31,262	1,288,908
TOTAL ATLANTIC AND GULF STATES.	2,800,312	87,170	2,887,482
PACIFIC COAST STATES:			
ALASKA, WASHINGTON, AND OREGON:			
BOTTOMFISH (WASHINGTON AND OREGON) 1/	27,864	39,192	67,056
HALIBUT	24,213	1,527	25,740
SALMON.	320,508	149	320,657
UNCLASSIFIED.	255,627	196	255,823
TOTAL	628,212	41,064	669,276
CALIFORNIA:			
BARRACUDA	114	26	140
BONITO.	14,903	19	14,922
FLOUNDERS	21,709	12	21,721
GROUPERS.	-	231	231
JACK MACKEREL	55,650	18	55,668
MACKEREL, PACIFIC	3,115	18	3,133
ROCKFISHES.	9,313	131	9,444
SCULPIN	90	35	125
SEA BASS:			
BLACK	15	143	158
WHITE	210	652	862
SHARKS, UNCLASSIFIED. . .	476	24	500
SWORDFISH	170	30	200
TUNA:			
ALBACORE.	14,397	680	15,077
BLUEFIN	3,738	9,198	12,936
SKIPJACK.	411	58,824	59,235
YELLOWFIN	98	153,038	153,136
TOTAL TUNA.	18,644	221,740	240,384
YELLOWTAIL.	22	141	163
UNCLASSIFIED.	100,513	9	100,522
TOTAL	224,944	223,229	448,173
TOTAL PACIFIC COAST STATES	853,156	264,293	1,117,449
GREAT LAKES AND MISSISSIPPI RIVER STATES, UNCLASSIFIED, TOTAL.	141,875	-	141,875
HAWAII, UNCLASSIFIED, TOTAL	12,896	-	12,896
GRAND TOTAL	3,808,239	351,463	4,159,702

1/ PRINCIPALLY COD, FLOUNDERS (INCLUDING SOLE), LINGCOD, OCEAN PERCH, ROCKFISHES, AND SABLEFISH.

CATCH USED FOR HUMAN FOOD AND INDUSTRIAL PRODUCTS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

TEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	510,639	72,403	87,409	23,598	132,719	31,724
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	2,397	49	617	12	1,527	22
BAIT, FRESH AND FROZEN. .	19,116	2,058	5,755	340	24,817	932
CANNED ANIMAL FOOD. . . .	32,156	406	-	-	2,727	47
REDUCTION TO MEAL, OIL, ETC.	63,140	522	92,749	1,213	276,068	3,834
OTHER	7,300	219	-	-	-	-
TOTAL	124,109	3,254	99,121	1,565	305,139	4,835
GRAND TOTAL	634,748	75,657	186,530	25,163	437,858	36,559

ITEM	SOUTH ATLANTIC		GULF		PACIFIC 1/	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	136,029	30,520	348,736	125,136	1,038,105	171,403
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	337	3	12,520	202	12,549	338
BAIT, FRESH AND FROZEN. .	6,405	131	9,024	1,156	20,483	1,008
CANNED ANIMAL FOOD. . . .	81	1	80,977	1,527	16,985	521
REDUCTION TO MEAL, OIL, ETC.	196,572	2,235	837,608	10,605	42,223	575
OTHER	14	53	43	342	-	-
TOTAL	203,409	2,423	940,172	13,832	92,240	2,442
GRAND TOTAL	339,438	32,943	1,288,908	138,968	1,130,345	173,845

ITEM	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	33,338	5,290	59,276	7,620	2,346,251	467,694
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	9,017	141	5,886	106	44,850	873
BAIT, FRESH AND FROZEN. .	180	95	1,626	97	87,406	5,817
CANNED ANIMAL FOOD. . . .	14,718	213	217	4	147,861	2,719
REDUCTION TO MEAL, OIL, ETC.	11,730	124	-	-	1,520,090	19,108
OTHER	-	-	5,887	432	13,244	1,046
TOTAL	35,645	573	13,616	639	1,813,451	29,563
GRAND TOTAL	68,983	5,863	72,892	8,259	4,159,702	497,257

1/ INCLUDES HAWAII.

CATCH USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1968

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES.	1,691	-	24,483	3,953	99	-	27,194	-	57,420
ANCHOVIES	-	-	-	-	-	29,409	-	-	29,409
ANGLERFISH.	3,327	-	-	-	-	-	-	-	3,327
BALLYHOO.	-	-	-	117	129	-	-	-	246
BLUE RUNNER	-	-	-	50	257	-	-	-	307
BONITO.	-	-	-	-	-	2,583	-	-	2,583
BUTTERFISH.	416	132	220	262	-	-	-	-	1,030
CARP.	-	-	-	-	-	1,195	-	2,630	3,825
CATFISH AND BULLHEADS	-	-	-	-	-	-	-	1,387	1,387
CHUBS	-	-	-	-	-	-	4,069	-	4,069
CIGARFISH	-	-	-	-	521	-	-	-	521
COD	-	-	-	-	-	6	-	-	6
CREVALLE.	-	-	-	64	300	-	-	-	364
CROAKER	-	-	-	1,507	59,935	-	-	-	61,442
DRUM, BLACK	-	-	-	-	12	-	-	-	12
EEL, COMMON	5	-	136	-	-	-	-	-	141
FLOUNDERS	2,374	-	115	-	-	3,903	-	-	6,392
GARFISH	-	-	-	-	-	-	-	25	25
GIZZARD SHAD.	-	-	2	-	-	-	30	366	398
HAKE:									
PACIFIC	-	-	-	-	-	9,389	-	-	9,389
RED	7,636	172	-	-	-	-	-	-	7,808
HALIBUT	-	-	-	-	-	161	-	-	161
HERRING:									
LAKE.	-	-	-	-	-	-	60	-	60
SEA:									
ATLANTIC.	35,022	269	28	-	-	-	-	-	35,319
PACIFIC	-	-	-	-	-	14,686	-	-	14,686
THREAD.	-	-	-	3,411	12,006	-	-	-	15,417
HOGCHOKER	-	-	1	-	-	-	-	-	1
JACK MACKEREL	-	-	-	-	-	7,337	-	-	7,337
KING CROAKER.	-	-	-	-	-	215	-	-	215
KING WHITING OR "KINGFISH"	-	-	-	22	49	-	-	-	71
LAUNCE.	36	-	-	-	-	-	-	-	36
LINGCOD	-	-	-	-	-	164	-	-	164
MACKEREL:									
ATLANTIC.	1,855	576	-	-	-	-	-	-	2,431
PACIFIC	-	-	-	-	-	139	-	-	139
MENHADEN.	23	86,262	274,077	191,403	823,356	-	-	-	1,375,121
MULLET.	-	-	-	294	3,546	-	-	-	3,840
OCEAN PERCH:									
ATLANTIC.	350	-	-	-	-	-	-	-	350
PACIFIC	-	-	-	-	-	85	-	-	85
OCEAN POUT.	20,182	-	-	-	-	-	-	-	20,182
PIGFISH	-	-	-	129	-	-	-	-	129
POLLOCK	80	-	-	-	-	329	-	-	409
RATFISH	-	-	-	-	-	798	-	-	798
ROCKFISHES.	-	-	-	-	-	391	-	-	391
SABLEFISH	-	-	-	-	-	21	-	-	21
SALMON.	-	-	-	-	-	1,472	960	-	2,432
SAND PERCH.	-	-	-	55	-	-	-	-	55
SARDINES, PACIFIC . .	-	-	-	-	-	93	-	-	93
SCUP OR PORGY	-	-	310	176	-	-	-	-	486
SEA BASS.	-	-	200	-	-	-	-	-	200
SEA ROBIN	1,802	3,573	27	-	-	-	-	-	5,402
SEA TROUT OR WEAKFISH:									
GRAY.	-	-	430	129	-	-	-	-	559
WHITE	-	-	-	-	7,732	-	-	-	7,732
SHAD.	-	-	-	-	9	350	-	-	359
SHARKS, UNCLASSIFIED.	-	-	-	80	-	727	-	-	807
SHEEPSHEAD, FRESH-WATER.	-	-	-	-	-	-	800	2,000	2,800
SKATES.	6,740	-	-	-	-	753	-	-	7,493
SMELT	-	-	-	-	-	82	1,430	-	1,512
SPANISH SARDINES. . .	-	-	-	-	245	-	-	-	245
SPOT.	-	-	125	624	7,732	-	-	-	8,481
SUCKERS	-	-	-	-	-	9	-	31	40
SWELLFISH	-	-	300	-	-	-	-	-	300
TENPOUNDER.	-	-	-	-	801	-	-	-	801
TOMCOD.	-	-	-	-	-	226	-	-	226
TULLIBEE.	-	-	-	-	-	-	1,102	-	1,102
WHITING	8,614	60	-	-	-	-	-	-	8,674
UNCLASSIFIED.	24,849	6,364	3,804	1,119	21,761	3,095	-	1,151	62,143
TOTAL FISH. . .	115,002	97,408	304,258	203,395	938,490	77,618	35,645	7,590	1,779,406

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1968 - Continued

(THOUSANDS OF POUNDS)

PECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
SHELLFISH, ETC.	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:									
BLUE, SOFT AND PEELER	-	-	687	-	-	-	-	-	687
GREEN	31	-	-	-	-	-	-	-	31
ARTEMIA (BRINE SHRIMP EGGS).	-	-	-	-	-	-	-	139	139
HORSESHOE CRABS . . .	-	82	-	-	-	- -	-	-	82
SHRIMP.	-	-	-	-	1,630	-	-	-	1,630
CLAMS (MEATS):									
RAZOR	6	-	-	-	-	86	-	-	92
SURF.	18	971	6	-	-	-	-	-	995
MUSSELS, SEA (MEATS).	4	-	-	-	-	-	-	-	4
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	-	-	-	5,884	5,884
SQUID	120	660	188	-	9	8,089	-	-	9,066
TURTLES, BABY	-	-	-	-	-	-	-	3	3
SEA WEEDS AND IRISH MOSS	7,300	-	-	-	-	-	-	-	7,300
SPONGES..	-	-	-	14	43	-	-	-	57
BLOODWORMS.	833	-	-	-	-	-	-	-	833
SANDWORMS	795	-	-	-	-	-	-	-	795
TOTAL SHELL-FISH, ETC. . .	9,107	1,713	881	14	1,682	8,175	-	6,026	27,598
WHALE PRODUCTS. . . .	-	-	-	-	-	6,447	-	-	6,447
GRAND TOTAL . .	124,109	99,121	305,139	203,409	940,172	92,240	35,645	13,616	1,813,451

NOTE:--PARTLY ESTIMATED.

CATCH USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1968

(THOUSANDS OF POUNDS)

SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT, FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES:						
ATLANTIC	-	10,194	1,828	18,204	-	30,226
LAKE	5,155	-	10,309	11,730	-	27,194
ANCHOVIES	-	572	1,247	27,590	-	29,409
ANGLERFISH	-	-	-	3,327	-	3,327
BALLYHOO	-	246	-	-	-	246
BLUE RUNNER	-	307	-	-	-	307
BONITO	-	-	2,583	-	-	2,583
BUTTERFISH	239	158	-	633	-	1,030
CARP	3,695	-	130	-	-	3,825
CATFISH AND BULLHEADS	1,300	-	87	-	-	1,387
CHUBS	-	-	4,069	-	-	4,069
CIGARFISH	-	521	-	-	-	521
COD	6	-	-	-	-	6
CREVALLE	-	364	-	-	-	364
CROAKER	12,629	539	47,039	1,235	-	61,442
DRUM, BLACK	-	12	-	-	-	12
EEL, COMMON	-	141	-	-	-	141
FLOUNDERS	3,563	821	419	1,589	-	6,392
GARFISH	25	-	-	-	-	25
GIZZARD SHAD	60	338	-	-	-	398
HAKE:						
PACIFIC	2,865	-	4,000	2,524	-	9,389
RED	172	344	500	6,792	-	7,808
HALIBUT	-	161	-	-	-	161
HERRING:						
LAKE	-	-	60	-	-	60
SEA:						
ATLANTIC	-	9,878	2,000	23,441	-	35,319
PACIFIC	1,245	7,393	537	5,511	-	14,686
THREAD	-	95	-	15,322	-	15,417
HOGCHOKER	-	1	-	-	-	1
JACK MACKEREL	-	-	7,337	-	-	7,337
KING CROAKER	-	-	215	-	-	215
KING WHITING OR "KINGFISH"	-	59	12	-	-	71
LAUNCE	-	36	-	-	-	36
LINGCOD	1	-	163	-	-	164
MACKEREL:						
ATLANTIC	491	1,790	150	-	-	2,431
PACIFIC	-	-	139	-	-	139
MENHADEN	82	22,993	844	1,351,202	-	1,375,121
MULLET	-	1,042	-	2,798	-	3,840
OCEAN PERCH:						
ATLANTIC	-	-	-	350	-	350
PACIFIC	85	-	-	-	-	85
OCEAN POUT	-	-	14,360	5,822	-	20,182
PIGFISH	-	-	4	125	-	129
POLLOCK	212	-	-	197	-	409
RATFISH	261	-	-	537	-	798
ROCKFISHES	370	15	-	6	-	391
SABLEFISH	21	-	-	-	-	21
SALMON	500	1,652	280	-	-	2,432
SAND PERCH	-	-	-	55	-	55
SARDINES, PACIFIC	-	62	31	-	-	93
SCUP OR PORGY	323	18	-	145	-	486
SEA BASS	200	-	-	-	-	200
SEA ROBIN	666	324	-	4,412	-	5,402
SEA TROUT OR WEAKFISH:						
GRAY	438	11	20	90	-	559
WHITE	-	444	7,288	-	-	7,732
SHAD	-	9	300	50	-	359
SHARKS, UNCLASSIFIED	6	80	-	721	-	807
SHEEPSHEAD, FRESH-WATER	2,800	-	-	-	-	2,800
SKATES	457	-	-	7,036	-	7,493
SMELT	1,430	43	39	-	-	1,512
SPANISH SARDINES	-	245	-	-	-	245
SPOT	169	512	7,296	504	-	8,481
SUCKERS	40	-	-	-	-	40

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1968 - Continued

(THOUSANDS OF POUNDS)

SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
FISH - CONTINUED	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SWELLFISH	-	-	-	300	-	300
TENPOUNDER.	-	801	-	-	-	801
TOMCOD.	80	-	-	146	-	226
TULLIBEE.	1,102	-	-	-	-	1,102
WHITING	980	385	50	7,259	-	8,674
UNCLASSIFIED.	1,319	10,528	34,525	15,771	-	62,143
TOTAL FISH.	42,987	73,134	147,861	1,515,424	-	1,779,406
SHELLFISH, ETC.						
CRABS:						
BLUE, SOFT AND PEELER . .	-	687	-	-	-	687
GREEN	-	31	-	-	-	31
ARTEMIA (BRINE SHRIMP) EGGS	-	139	-	-	-	139
HORSESHOE CRABS	-	-	-	82	-	82
SHRIMP.	-	1,630	-	-	-	1,630
CLAMS (MEATS):						
RAZOR	-	92	-	-	-	92
SURF.	-	995	-	-	-	995
MUSSELS, SEA (MEATS). . . .	-	4	-	-	-	4
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	5,884	5,884
SQUID	-	9,066	-	-	-	9,066
TURTLES, BABY	-	-	-	-	3	3
SEAWEEDS AND IRISH MOSS . .	-	-	-	-	7,300	7,300
SPONGES	-	-	-	-	57	57
BLOODWORMS.	-	833	-	-	-	833
SANDWORMS	-	795	-	-	-	795
TOTAL SHELLFISH, ETC.	-	14,272	-	82	13,244	27,598
WHALE PRODUCTS.	1,863	-	-	4,584	-	6,447
GRAND TOTAL	44,850	87,406	147,861	1,520,090	13,244	1,813,451

NOTE:--PARTLY ESTIMATED. THE PRODUCTION OF ANGLERFISH, CROAKER, RED HAKE, MENHADEN, OCEAN POUT, SAND PERCH, SEA ROBIN, WHITE SEA TROUT, AND SKATES AS SHOWN IN THESE TABLES EXCEEDS THE TOTAL CATCH OF EACH SPECIES AS SHOWN IN THE TABULATION ON CATCH BY REGIONS, PAGE 22. IN THAT TABLE THE EXTRA AMOUNTS ARE INCLUDED WITH UNCLASSIFIED FISH FOR BAIT, REDUCTION, AND ANIMAL FOOD.

MONTHLY CATCH AND UTILIZATION OF FISH AND SHELLFISH, 1968

SPECIES	CATCH FOR HUMAN FOOD		CATCH FOR INDUSTRIAL PRODUCTS 1/		TOTAL	
	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT	MILLIONS POUNDS	PERCENT
JANUARY	105	4.5	24	1.3	129	3.1
FEBRUARY.	102	4.5	21	1.2	123	3.0
MARCH	155	6.6	26	1.4	181	4.3
APRIL	177	7.5	95	5.2	272	6.5
MAY	198	8.4	168	9.3	366	8.8
JUNE.	231	9.8	254	14.0	485	11.7
JULY.	411	17.5	357	19.7	768	18.5
AUGUST.	300	12.8	288	15.9	588	14.1
SEPTEMBER	226	9.6	224	12.3	450	10.8
OCTOBER	186	7.9	151	8.3	337	8.1
NOVEMBER.	134	5.7	121	6.7	255	6.1
DECEMBER.	121	5.2	85	4.7	206	5.0
TOTAL	2,346	100.0	1,814	100.0	4,160	100.0

1/ USED FOR MEAL, OIL, SOLUBLES, BAIT, ANIMAL FOOD, AND OTHER NON-HUMAN FOOD PRODUCTS.

RELATIVE VOLUME OF THE CATCH, BY SPECIES, 1968

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD CATCH AND YEAR	
	THOUSAND POUNDS	PERCENT	YEAR	THOUSAND POUNDS
MENHADEN	1,375,100	33.1	1962	2,347,944
SALMON	329,630	7.9	1936	643,700
SHRIMP	299,289	7.2	1967	307,787
TUNA	293,868	7.1	1950	391,454
CRABS	254,523	6.1	1966	372,425
INDUSTRIAL FISH 1/	198,054	4.8	1965	265,438
FLOUNDERS	158,499	3.8	1965	180,121
HERRING, SEA:				
ATLANTIC	92,235	2.2	1902	200,598
PACIFIC	14,973	.4	1937	263,200
TOTAL	107,208	2.6	-	-
ALEWIVES	84,578	2.0	1967	101,127
WHITING	79,148	1.9	1957	133,041
HADDOCK	70,643	1.7	1929	293,809
CLAMS	67,246	1.6	1966	72,751
OYSTERS	61,886	1.5	2/1908	152,046
OCEAN PERCH, ATLANTIC	61,323	1.5	1951	258,320
JACK MACKEREL	55,909	1.3	1952	146,522
COD:				
ATLANTIC	49,217	1.2	1880	294,351
PACIFIC	5,922	.1	1915	32,681
TOTAL	55,139	1.3	-	-
CATFISH AND BULLHEADS	32,915	.8	1963	38,614
LOBSTERS, NORTHERN	32,558	.8	1968	32,558
ANCHOVIES	31,442	.8	1953	86,044
MULLET	30,580	.7	1902	43,385
CARP	29,579	.7	1908	43,659
SQUID	28,736	.7	1946	40,266
MACKERELS	28,725	.7	(3)	(3)
HALIBUT, PACIFIC	25,740	.6	1915	66,696
ROCKFISHES	25,423	.6	1945	57,686
BUFFALOFISH	19,095	.5	1950	25,873
HERRING, THREAD	15,417	.4	1967	18,963
BONITO	15,017	.4	1967	21,268
SCUP OR PORGY	14,931	.4	1960	49,229
SCALLOPS, SEA	13,818	.3	1961	27,461
OCEAN PERCH, PACIFIC	13,466	.3	1965	28,352
SNAPPER, RED	11,788	.3	1902	23,457
CHUBS	11,184	.3	1960	16,854
STRIPED BASS	11,132	.3	1968	11,132
HAKE, PACIFIC	9,396	.2	1967	28,818
LINGCOD	8,965	.2	1944	14,262
GROUPERS	7,901	.2	1965	9,570
SHEEPSHEAD, FRESH-WATER	7,749	.2	1959	13,644
LOBSTERS, SPINY	7,476	.2	1968	7,476
POLLOCK	7,406	.2	1938	40,694
IRISH MOSS	7,300	.2	1968	7,300
SEA TROUT OR WEAKFISH, SPOTTED	6,679	.2	1936	8,800
WHALE PRODUCTS 4/	6,447	.2	(3)	(3)
SPOT	6,271	.1	1952	15,863
SHAD	6,157	.1	1890	43,000
YELLOW PERCH	6,084	.1	1934	16,282
CRAWFISH, FRESH-WATER	5,918	.1	1965	8,779
MUSSEL SHELLS	5,884	.1	1908	81,869
BLUEFISH	5,404	.1	5/1897	22,673
SMELT	4,950	.1	1958	13,303
CROAKER	4,650	.1	1945	64,668
SABLEFISH	4,471	.1	1945	17,750
KING WHITING OR "KINGFISH"	4,437	.1	1965	5,708
SEA TROUT OR WEAKFISH, GRAY	4,382	.1	1945	41,420
SWELLFISH	4,303	.1	1964	6,114
SEA BASS, BLACK (ATLANTIC)	4,160	.1	1952	21,997
UNCLASSIFIED	79,723	1.9	-	-
TOTAL	4,159,702	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS.

3/ DATA NOT AVAILABLE.

4/ SINCE DATA ARE NOT AVAILABLE ON THE POUNDAGE OF WHALES TAKEN, STATISTICS ON THE YIELD OF THESE MAMMALS REPRESENT THE WEIGHT OF THE WHALE PRODUCTS WHICH INCLUDES MEAL, MEAT, AND OIL.

5/ INCLUDES DATA ON NEW ENGLAND CATCH IN 1898.

RELATIVE VALUE OF THE CATCH, BY SPECIES, 1968

SPECIES	VALUE	PERCENT OF TOTAL	RECORD VALUE AND YEAR	
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP	114,866	23.1	1968	114,866
SALMON	67,006	13.5	1966	73,595
TUNA	47,455	9.5	1950	61,342
CRABS	44,433	8.9	1968	44,433
OYSTERS	32,010	6.4	1961	33,204
LOBSTERS, NORTHERN	25,452	5.1	1968	25,452
CLAMS	20,728	4.2	1968	20,728
MENHADEN	17,533	3.5	1956	28,425
FLOUNDERS	17,409	3.5	1966	20,170
SCALLOPS, SEA	14,976	3.0	1968	14,976
HADDOCK	9,292	1.9	1966	13,943
CATFISH AND BULLHEADS	7,277	1.5	1968	7,277
LOBSTERS, SPINY	5,367	1.1	1968	5,367
HALIBUT, PACIFIC	4,227	.8	1962	11,579
SNAPPER, RED	4,187	.8	1966	4,334
COD:				
ATLANTIC	3,463	.7	1948	4,742
PACIFIC	341	.1	1959	664
TOTAL	3,804	.8	-	-
WHITING	2,787	.6	1951	2,903
MACKERELS	2,783	.6	(2)	(2)
INDUSTRIAL FISH 1/	2,764	.6	1967	3,136
BUFFALOFISH	2,467	.5	1952	3,564
SCUP OR PORGY	2,383	.5	1966	3,326
OCEAN PERCH, ATLANTIC	2,377	.5	1951	12,597
MULLET	2,377	.5	1945	4,647
HERRING, SEA:				
ATLANTIC	1,934	.4	1948	3,798
PACIFIC	384	.1	1947	2,152
TOTAL	2,318	.5	-	-
STRIPED BASS	2,283	.5	1968	2,283
JACK MACKEREL	2,219	.4	1952	4,755
SEA TROUT OR WEAKFISH, SPOTTED	1,763	.4	1952	1,781
CHUBS	1,724	.3	1958	2,564
SCALLOPS, BAY	1,694	.3	1968	1,694
ROCKFISHES	1,516	.3	1945	2,648
GROUPERS	1,323	.3	1968	1,323
ALEWIVES	1,214	.2	1967	1,551
ABALONE	1,124	.2	1966	920
WHITEFISH, COMMON	1,087	.2	1948	3,784
CRAWFISH, FRESH-WATER	1,054	.2	1968	1,054
BLOODWORMS	1,051	.2	1968	1,051
CARP	1,004	.2	1951	2,007
POMPANO	997	.2	1968	997
SQUID	803	.2	1947	1,370
YELLOW PERCH	791	.2	1958	1,540
SHAD	772	.2	1945	2,680
SEA BASS, BLACK (ATLANTIC)	750	.1	1952	5,206
OCEAN PERCH, PACIFIC	727	.1	1965	1,334
BLUEFISH	719	.1	1951	760
SANDWORMS	658	.1	1968	658
BONITO	633	.1	1947	1,636
SPOT	587	.1	1964	1,014
LINGCOD	542	.1	(2)	(2)
YELLOW PIKE	515	.1	1951	2,152
DRUM, RED	485	.1	1945	728
BUTTERFISH	478	.1	1962	1,005
SWORDFISH	435	.1	1946	1,435
LAKE HERRING	426	.1	1952	1,458
CROAKER	425	.1	1945	6,958
MUSSEL SHELLS	412	.1	(2)	(2)
WHITE PERCH	411	.1	1968	411
POLLOCK	405	.1	1945	1,819
UNCLASSIFIED	9,952	2.0	-	-
TOTAL	497,257	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

2/ DATA NOT AVAILABLE.

SEED OYSTER FISHERY, 1968

ITEM	NEW ENGLAND 1/	MIDDLE ATLANTIC 2/	CHESAPEAKE	TOTAL
OPERATING UNITS	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	483	291	774
ON BOATS AND SHORE:				
REGULAR	2	90	630	722
CASUAL.	4	-	550	554
TOTAL	6	573	1,471	2,050
VESSELS:				
MOTOR	-	40	121	161
GROSS TONNAGE . .	-	1,320	816	2,136
SAIL.	-	-	4	4
GROSS TONNAGE . .	-	-	37	37
BOATS:				
MOTOR	3	37	506	546
OTHER	-	-	10	10
GEAR:				
DREDGES, COMMON . .	2	84	8	94
YARDS AT MOUTH. .	2	84	11	97
BY HAND	-	14	193	207
TONGS	-	70	1,246	1,316

ITEM	NEW ENGLAND 1/		MIDDLE ATLANTIC 2/		CHESAPEAKE		TOTAL	
CATCH	U.S. BUSHELS	VALUE	U.S. BUSHELS	VALUE	U.S. BUSHELS	VALUE	U.S. BUSHELS	VALUE
OYSTER, SEED:								
PUBLIC:								
SPRING.	-	-	153,605	$300,835	618,000	$627,996	771,605	$928,831
FALL.	60	$300	-	-	402,100	421,627	402,160	421,927
PRIVATE:								
SPRING.	300	2,100	11,000	122,000	7,500	7,109	18,800	131,209
FALL.	-	-	-	-	600	600	600	600
TOTAL	360	2,400	164,605	422,835	1,028,200	1,057,332	1,193,165	1,482,567

1/ CONFINED TO MASSACHUSETTS AND CONNECTICUT.

2/ CONFINED TO NEW YORK AND NEW JERSEY.

NOTE:--SOME OF THE FISHERMEN ENGAGED IN HARVESTING SEED OYSTERS ALSO FISHED FOR MARKET OYSTERS OR OTHER SPECIES.

U.S. CATCH, 1968 - LIVE WEIGHT BASIS

In the annual digest it has been the practice of the Bureau to show the catch of univalve and bivalve mollusks on the basis of the weight of meats. Insofar as possible, all other fish and shellfish items are shown on a live weight basis.

Since world fishery statistics published by the Food and Agriculture Organization of the United Nations represent the live weight of the catch for all items of fish and shellfish, it has been necessary to provide that organization with information on the domestic catch of all species on a live weight basis. Data released by the Food and Agriculture Organization, therefore, indicate that the 1968 U.S. catch was 1.3 billion pounds greater than the figure appearing in Bureau publications. The increase is due to the inclusion of the weight of the shells of univalve and bivalve mollusks in the Food and Agriculture Organization data.

A table is included in this report showing the entire domestic catch on a live weight basis. Information is also published on the catch of fishery products in the principal countries of the world so that the relative importance of the domestic fisheries can be determined. Tables containing these data follow:

U.S. CATCH, 1968 - LIVE WEIGHT BASIS

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
FISH	3,361,731	230,921
SHELLFISH, ETC.:		
UNIVALVE AND BIVALVE MOLLUSKS:		
ABALONE	4,460	1,124
CLAMS:		
HARD 1/	116,124	12,218
OCEAN QUAHOG	1,798	29
RANGIA	539	15
RAZOR	506	135
SOFT	51,014	4,189
SURF	206,666	4,137
MIXED	28	5
TOTAL CLAMS	376,675	20,728
CONCHS	2,502	119
LIMPETS	25	19
MUSSELS:		
SEA	3,672	110
FRESH-WATER	6,472	415
OYSTERS, MARKET	939,912	32,010
PERIWINKLES AND COCKLES	186	11
SCALLOPS:		
BAY	11,191	1,694
CALICO	1,246	41
SEA	119,011	14,976
UNCLASSIFIED	(2)	2
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,465,352	71,249
CRUSTACEANS	599,985	191,228
OTHER	38,683	3,463
TOTAL SHELLFISH, ETC.	2,104,020	265,940
WHALE PRODUCTS	6,447	396
GRAND TOTAL	5,472,198	497,257

1/ INCLUDES SUNRAY VENUS CLAMS.

2/ LESS THAN 500 POUNDS.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1968

The 1968 world catch of fish, crustaceans, mollusks, etc., was a record 141.1 billion pounds, according to the "Yearbook of Fishery Statistics, 1968" released by the Food and Agriculture Organization of the United Nations. The production was 6 percent more than the 1967 catch of 133.4 billion pounds.

Six nations accounted for 57 percent of the world catch in 1968. Peru, with 16.4 percent; Soviet Russia, 9.5 percent; China (Mainland), 9.1 percent; Norway, 4.4 percent; and the United States, 3.9 percent.

Asia accounted for 38 percent of the world catch, followed by South America (20 percent); Europe (18 percent); Soviet Russia (10 percent), and North America and Africa with 7 percent each. A negligible quantity was taken in Oceania.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC. BY COUNTRIES, 1968

(LIVE WEIGHT BASIS)

COUNTRY	BILLION POUNDS	PERCENT
PERU	23.19	16.4
JAPAN	19.11	13.5
UNION OF SOVIET SOCIALIST REPUBLICS	13.41	9.5
CHINA (MAINLAND)	1/ 12.79	9.1
NORWAY	6.18	4.4
UNITED STATES	2/ 5.47	3.9
INDIA	3.36	2.4
SPAIN	3.31	2.4
CANADA	3.29	2.3
DENMARK	3.23	2.3
CHILE	3.03	2.1
REPUBLIC OF INDONESIA	2.59	1.8
THAILAND	2.40	1.7
UNITED KINGDOM	2.29	1.6
NAMIBIA 3/	2.17	1.5
REPUBLIC OF THE PHILIPPINES	2.08	1.5
REPUBLIC OF KOREA	1.86	1.3
FRANCE	1.75	1.2
FEDERAL REPUBLIC OF GERMANY	1.50	1.1
ICELAND	1.33	.9
PORTUGAL	4/ 1.23	.9
CHINA (TAIWAN)	1.16	.8
PAKISTAN	.94	.7
BRAZIL	4/ .93	.7
REPUBLIC OF VIET-NAM	.90	.6
POLAND	.90	.6
MALAYSIA	.90	.6
BURMA	.87	.6
MEXICO	.81	.6
ITALY	.80	.6
NETHERLANDS	.71	.5
SWEDEN	.70	.5
EASTERN GERMANY	.65	.5
ANGOLA	.65	.5
NORTH KOREA	5/ .64	.5
NORTH VIET-NAM	6/ .64	.5
ARGENTINA	.49	.4
MOROCCO	.48	.3
OTHER	12.35	8.7
TOTAL	141.09	100.0

1/ 1960 DATA.

2/ REVISED. (INCLUDES THE WEIGHT OF CLAM, OYSTER, SCALLOP, AND OTHER MOLLUSK SHELLS. THIS WEIGHT IS NOT INCLUDED IN OTHER U.S. CATCH STATISTICS.)

3/ FORMERLY SOUTH WEST AFRICA.

4/ 1967 DATA.

5/ 1957 DATA.

6/ 1962 DATA.

SOURCE:--"YEARBOOK OF FISHERY STATISTICS, 1968", VOLUME 26, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

PROCESSED FISHERY PRODUCTS, 1968

The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was worth a record $1.4 billion--an increase of 14 percent compared with 1967. Packaged fresh and frozen products accounted for 48 percent of the total value; canned, 42 percent; and industrial and cured, 5 percent each. The Pacific Coast States led in production with products valued at $461.2 million; followed by the Gulf States, $274.8 million; New England, $211.4 million; and the Middle Atlantic States, $114.4 million. In 1968, 88,742 employees operated 3,967 wholesaling and processing establishments.

The pack of canned fishery products was 43 million standard cases (1.3 billion pounds) worth a record $583.9 million to the packers--an increase of 1.8 million cases (68.6 million pounds) and $58.3 million compared with 1967. The gain resulted principally from increases in the canned production of salmon, Maine sardines, shrimp, and mackerel. The pack for human consumption (782.1 million pounds) was 83.4 million greater than in 1967, but the pack for bait and animal food (484.9 million) declined 14.7 million pounds. The value of three items--salmon, tuna, and animal food--accounted for 80 percent of the total value received by the packers.

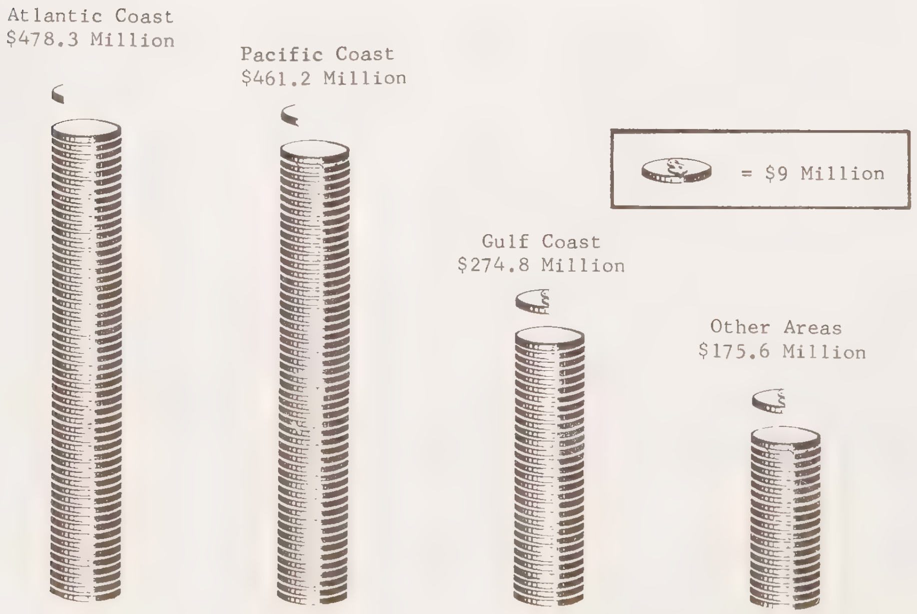
Fresh and frozen packaged fish and shellfish (fillets and steaks, fish sticks and portions, shrimp and other shellfish products, specialty dinners, etc.) were valued at $672.6 million--a gain of $104.2 million compared with 1967.

Cured fishery products were 67.2 million pounds worth $63.2 million--a decline of 6.8 million pounds and $1.4 million compared with the previous year.

Industrial fishery products valued at $70.1 million were $9.1 million more than in 1967. A greater production of menhaden scrap and meal contributed substantially to the increase.

Production of processed fishery products includes items produced from raw products imported from foreign countries. Certain items, such as salted alewives, cured salmon, steamed oysters, etc., are shown in an intermediate and also a more advanced stage of processing. Production, therefore, cannot be correlated directly with the domestic catch.

VALUE OF PROCESSED PRODUCTS, 1968



VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

STATE	VALUE IN THOUSAND DOLLARS
NEW ENGLAND:	
MAINE	51,656
NEW HAMPSHIRE	9,627
MASSACHUSETTS	146,374
RHODE ISLAND	3,512
CONNECTICUT	260
TOTAL	211,429
MIDDLE ATLANTIC:	
NEW YORK	51,133
NEW JERSEY	32,810
PENNSYLVANIA	25,357
DELAWARE	5,113
TOTAL	114,413
CHESAPEAKE:	
MARYLAND	43,457
VIRGINIA	30,610
TOTAL	74,067
SOUTH ATLANTIC:	
NORTH CAROLINA	10,840
SOUTH CAROLINA	3,803
GEORGIA	37,877
FLORIDA, EAST COAST	25,835
TOTAL	78,355
GULF:	
FLORIDA, WEST COAST	71,582
ALABAMA	15,373
MISSISSIPPI	25,320
LOUISIANA	74,776
TEXAS	87,729
TOTAL	274,780
PACIFIC:	
ALASKA	175,882
WASHINGTON	37,496
OREGON	39,105
CALIFORNIA	208,761
TOTAL	461,244
GREAT LAKES:	
NEW YORK	819
PENNSYLVANIA	450
OHIO	15,559
MICHIGAN	2,344
ILLINOIS	5,163
MINNESOTA AND WISCONSIN	2,809
TOTAL	27,144
MISSISSIPPI RIVER:	
ILLINOIS	302
IOWA	299
KANSAS, KENTUCKY AND NEBRASKA	846
LOUISIANA	373
MINNESOTA	1,025
MISSISSIPPI AND MISSOURI	6,201
NORTH DAKOTA, OKLAHOMA, TENNESSEE, AND TEXAS	4,585
WISCONSIN	3,478
TOTAL	17,109
OTHER:	
HAWAII AND AMERICAN SAMOA	37,219
PUERTO RICO	94,119
GRAND TOTAL	1,389,879

SUMMARY OF PROCESSED PRODUCTS, 1968

ITEM	VALUE IN THOUSAND DOLLARS
PACKAGED:	
FRESH	145,264
FROZEN	527,373
CANNED	583,908
CURED	63,207
INDUSTRIAL	70,127
TOTAL	1,389,879

WHOLESALING AND PROCESSING, 1968

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
WHOLESALING AND PROCESSING:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	534	396	581	432	831
PERSONS ENGAGED:					
AVERAGE FOR SEASON	12,577	6,555	10,336	7,615	18,671
AVERAGE FOR YEAR	9,225	5,763	7,400	5,357	12,767

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL
WHOLESALING AND PROCESSING:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	575	220	366	32	3,967
PERSONS ENGAGED:					
AVERAGE FOR SEASON	27,678	2,316	2,583	411	88,742
AVERAGE FOR YEAR	18,055	1,876	2,233	355	63,031

PROCESSED FISHERY PRODUCTS, 1968

ITEM		QUANTITY	VALUE
ALEWIVES:			
FRESH AND FROZEN:			
FOR BAIT	POUNDS	1,948,050	$78,276
FILLETS	DO	(1)	(1)
CANNED:			
FISH	STANDARD CASES	75,768	448,994
ROE	DO	23,373	274,072
ANIMAL FOOD	DO	367,733	2,397,767
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	POUNDS	(1)	(1)
SALTED:			
WHOLE WITH ROE	DO	(1)	(1)
WHOLE AND FILLETS	DO	3,136,764	491,074
SMOKED	DO	12,312	1,206
MEAL AND SCRAP	TONS	1,662	206,270
OIL	1,000 POUNDS	(1)	(1)
SOLUBLES	TONS	(1)	(1)
AMBERJACK, SPECIALTIES, FRESH (CAKES, BREADED AND COOKED)	POUNDS	(1)	(1)
ANCHOVIES:			
FROZEN WHOLE, FOR BAIT	DO	(1)	(1)
CANNED:			
IN TOMATO SAUCE	STANDARD CASES	(1)	(1)
PASTE	DO	1,476	107,570
MEAL AND SCRAP	TONS	2,762	336,523
OIL	1,000 POUNDS	899	32,304
BARRACUDA:			
STEAKS, FRESH	POUNDS	(1)	(1)
SMOKED	DO	8,257	5,012
BIGEYE SCAD, SUN-DRIED	DO	37,342	7,438
BLUEFISH FILLETS, FRESH AND FROZEN	DO	(1)	(1)
BONEFISH, SPECIALTIES, FRESH (CAKES, BREADED AND COOKED)	DO	(1)	(1)
BROWN TROUT, SMOKED	DO	(1)	(1)
BUFFALOFISH:			
FILLETS AND STEAKS, FRESH	DO	(1)	(1)
SMOKED	DO	30,000	27,400
BUTTERFISH, SMOKED	DO	33,930	22,136
CARP:			
FILLETS, FRESH AND FROZEN	DO	1,551,600	338,581
SMOKED	DO	295,150	151,210
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1,000 POUNDS	(1)	(1)
CATFISH:			
FRESH AND FROZEN:			
DRESSED, SKINS OFF	POUNDS	1,760,452	884,774
FILLETS AND STEAKS	DO	133,000	100,500
SPECIALTIES (FILLETS, BREADED RAW, AND PATTIES, BREADED AND COOKED)	DO	85,064	52,572
SMOKED	DO	(1)	(1)
CHUBS:			
SALTED	DO	(1)	(1)
SMOKED	DO	6,621,009	4,551,788
COD:			
FILLETS:			
FRESH	DO	9,318,445	3,911,459
FROZEN	DO	4,353,872	1,355,961
BREADED, RAW AND COOKED, FRESH AND FROZEN	DO	1,474,041	647,921
STEAKS:			
FRESH AND FROZEN	DO	282,290	70,590
BREADED RAW	DO	(1)	(1)
SPECIALTIES:			
FROZEN:			
CAKES, BREADED, RAW AND COOKED	DO	2,131,912	756,638
OTHER (PATTIES, FISH AND CHIPS, ETC.)	DO	1,454,310	626,414
CANNED (CAKES, FLAKES AND SALTED)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	432,345	224,371
SMOKED	DO	302,841	147,343
FREEZE-DRIED	DO	(1)	(1)
SUN-DRIED	DO	(1)	(1)
LUTEFISK	DO	1,170,800	385,744
OIL, LIVER	1,000 POUNDS	(1)	(1)
CREVALLE, SUN-DRIED	POUNDS	(1)	(1)
CUSK FILLETS, FRESH AND FROZEN	DO	511,181	181,063
EELS:			
DRESSED, SKINS OFF, FROZEN	DO	(1)	(1)
SALTED FOR BAIT	DO	(1)	(1)
SMOKED	DO	127,329	113,594

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
FLOUNDER:			
FRESH AND FROZEN, DRESSED	POUNDS	(1)	(1)
FILLETS:			
FRESH AND FROZEN	DO	43,384,089	$20,477,980
BREADED, RAW AND COOKED, FRESH AND FROZEN	DO	4,225,970	2,359,660
STEAKS, FROZEN	DO	(2)	(2)
SPECIALTIES, FROZEN:			
STUFFED, BREADED RAW AND COOKED	DO	704,360	512,481
OTHER (DINNERS, PATTIES, IN SAUCES, ETC.)	DO	954,801	744,772
GROUPER:			
FILLETS:			
FRESH	DO	183,383	120,530
FROZEN	DO	244,109	178,481
BREADED RAW, FROZEN	DO	(1)	(1)
STEAKS, FRESH AND FROZEN	DO	50,013	32,630
HADDOCK:			
FILLETS:			
FRESH AND FROZEN	DO	22,350,641	11,162,110
BREADED, RAW AND COOKED, FRESH AND FROZEN	DO	1,405,908	2,293,224
STEAKS, BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)
SPECIALTIES:			
FROZEN (AU GRATIN, STUFFED, DINNERS, ETC.)	DO	624,245	450,036
CANNED (FINNAN HADDIE)	STANDARD CASES	(1)	(1)
SMOKED (INCLUDING FINNAN HADDIE)	POUNDS	93,950	53,971
HAKE:			
FILLETS, FRESH AND FROZEN	DO	157,246	47,798
SALTED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
HALIBUT (INCLUDES ALASKA PRODUCTION):			
FILLETS:			
FRESH	POUNDS	68,211	38,427
FROZEN	DO	1,250,785	825,576
STEAKS:			
FRESH	DO	253,464	153,675
FROZEN	DO	4,984,019	2,735,673
BREADED AND COOKED, FROZEN	DO	(1)	(1)
CHEEKS, FROZEN	DO	25,355	10,493
SPECIALTIES, FROZEN, BREADED RAW AND COOKED (PATTIES, DINNERS, FISH AND CHIPS)	DO	179,476	158,194
CANNED	STANDARD CASES	7	418
SMOKED	POUNDS	586,352	268,113
OIL, LIVER	1,000 POUNDS	(1)	(1)
HERRING:			
LAKE:			
FILLETS, FRESH AND FROZEN	POUNDS	29,900	15,504
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	(1)	(1)
SALTED	DO	757,400	166,040
SMOKED	DO	87,800	29,520
SEA:			
FROZEN:			
DRESSED	DO	(1)	(1)
BAIT	DO	4,317,378	99,074
CANNED:			
MAINE SARDINES	STANDARD CASES	1,730,306	19,296,678
SPECIALTIES (SPREADS)	DO	(1)	(1)
ANIMAL FOOD	DO	(1)	(1)
SPECIALTIES, CURED AND REFRIGERATED:			
BISMARKS, PARTY SNACKS, ETC.	POUNDS	(1)	(1)
IN WINE AND CREAM SAUCES	DO	6,320,640	3,283,833
SALTED:			
FISH	DO	2,863,682	1,120,614
ROE	DO	278,094	544,101
EGGS WITH KELP	DO	126,269	126,270
SMOKED	DO	249,288	122,632
MEAL AND SCRAP	TONS	15,411	2,127,988
OIL	1,000 POUNDS	9,533	376,018
PEARL ESSENCE	-		1,664,948
THREAD:			
MEAL AND SCRAP	TONS	1,583	207,352
OIL	1,000 POUNDS	973	33,810
SOLUBLES	TONS	621	30,929
KING MACKEREL:			
FILLETS AND STEAKS, FROZEN	POUNDS	240,970	144,835
CANNED (PASTE)	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
LAKE TROUT:			
FILLETS:			
FRESH	POUNDS	149,400	$155,079
FROZEN	DO	22,000	19,952
SMOKED	DO	53,198	56,939
LINGCOD:			
FILLETS:			
FRESH	DO	1,768,629	524,706
FROZEN	DO	922,143	285,700
SMOKED	DO	(1)	(1)
LUMPFISH CAVIAR, CANNED	STANDARD CASES	(1)	(1)
MACKEREL:			
ATLANTIC:			
FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
CANNED, NATURAL	STANDARD CASES	(1)	(1)
SALTED	POUNDS	258,500	103,555
SMOKED	DO	39,000	26,650
JACK:			
DRESSED, FROZEN	DO	(1)	(1)
FILLETS, FRESH	DO	(1)	(1)
CANNED:			
NATURAL AND IN TOMATO SAUCE	STANDARD CASES	487,265	4,028,777
ANIMAL FOOD	DO	(1)	(1)
SUN-DRIED	POUNDS	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1,000 POUNDS	(1)	(1)
PACIFIC:			
CANNED NATURAL	STANDARD CASES	8,159	69,345
SMOKED	POUNDS	825	424
MARLIN:			
SPECIALTIES, FRESH (CAKES, BREADED AND COOKED)	DO	1,250,113	1,020,694
CANNED (SMOKED)	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	(1)	(1)
MENHADEN:			
MEAL AND SCRAP	TONS	143,154	19,534,274
OIL	1,000 POUNDS	152,020	6,247,396
SOLUBLES	TONS	53,247	2,668,994
MULLET:			
FRESH AND FROZEN:			
FILLETS	POUNDS	(1)	(1)
ROE	DO	28,525	20,521
SPLIT FOR SMOKING	DO	(1)	(1)
CANNED, NATURAL	STANDARD CASES	(1)	(1)
SALTED:			
FISH	POUNDS	321,965	83,999
ROE	DO	3,108	2,580
SMOKED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
OCEAN PERCH:			
ATLANTIC:			
FILLETS:			
FRESH	POUNDS	832,550	220,117
FROZEN	DO	14,723,243	3,732,564
BREADED, RAW AND COOKED, FROZEN	DO	8,331,389	3,409,889
SPECIALTIES, FROZEN (DINNERS, BREADED AND COOKED)	DO	(1)	(1)
MEAL AND SCRAP	TONS	7,249	973,530
OIL	1,000 POUNDS	(1)	(1)
PACIFIC:			
FILLETS:			
FRESH	POUNDS	1,964,705	585,035
FROZEN	DO	1,706,506	535,340
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED)	DO	(1)	(1)
PADDLEFISH, SMOKED	DO	8,200	5,800
PERCH FILLETS, FRESH AND FROZEN	DO	387,300	145,945
PIKE OR PICKEREL FILLETS, FRESH AND FROZEN	DO	31,500	19,718
POLLOCK:			
FILLETS:			
FRESH	DO	1,431,651	451,723
FROZEN	DO	1,387,667	324,537
BREADED RAW, FROZEN	DO	(1)	(1)
STEAKS, FRESH AND FROZEN	DO	(2)	(2)
CANNED (FLAKES)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	17,700	6,320
SMOKED	DO	(1)	(1)
LIVER, OIL	1,000 POUNDS	(1)	(1)
POMPANO FILLETS, FROZEN	POUNDS	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
ROCKFISH:			
FILLETS:			
FRESH	POUNDS	4,632,055	$1,375,871
FROZEN	DO	1,953,691	658,611
SMOKED	DO	6,411	3,433
SABLEFISH:			
FILLETS, FRESH AND FROZEN	DO	93,660	23,148
STEAKS, FROZEN	DO	(2)	(2)
SPECIALTIES, FRESH (IN RICE WINE MASH)	DO	13,328	11,156
CANNED (SMOKED)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	118,100	43,716
SMOKED	DO	3,170,271	2,371,734
SUN-DRIED	DO	(1)	(1)
SALMON:			
FRESH AND FROZEN:			
FILLETS	DO	631,559	518,746
STEAKS:			
FRESH	DO	100,675	80,500
FROZEN	DO	1,226,502	1,161,213
SPECIALTIES (ROE IN RICE WINE MASH, BREADED, RAW AND COOKED, CAKES AND PATTIES)	DO	272,231	285,892
BAIT	DO	1,409,357	102,555
EGGS FOR BAIT	DO	62,163	25,263
CANNED:			
CHINOOK OR KING	STANDARD CASES	70,214	2,849,503
CHUM OR KETA	DO	654,539	17,610,666
PINK	DO	1,841,566	58,872,372
RED OR SOCKEYE	DO	714,609	32,677,810
SILVER OR COHO	DO	163,925	5,884,462
STEELHEAD	DO	2,846	120,651
TOTAL	DO	3,447,699	118,015,464
SMOKED	DO	2,076	182,990
CAVIAR	DO	5,442	735,012
EGGS FOR BAIT	DO	14,146	2,116,473
SPECIALTIES (DIPS, SPREADS, CREAMED, SALTED LIVERS, AND SMOKED PASTE)	DO	866	26,298
SALTED:			
SALTED AND PICKLED	POUNDS	1,404,898	764,213
MILD-CURED	DO	4,315,232	4,182,867
CAVIAR	DO	7,663,015	9,146,510
BELLIES	DO	(1)	(1)
EGGS FOR BAIT	DO	(1)	(1)
SMOKED	DO	12,277,666	21,126,964
OIL	1,000 POUNDS	(1)	(1)
SARDINES, PACIFIC:			
CANNED	STANDARD CASES	(1)	(1)
SALTED	POUNDS	(1)	(1)
SAUGER:			
FILLETS:			
FRESH	DO	295,500	327,625
FROZEN	DO	25,200	12,705
BREADED RAW, FROZEN	DO	(1)	(1)
SMOKED	DO	(1)	(1)
SEA BASS:			
FILLETS AND STEAKS, FRESH AND FROZEN	DO	267,457	163,630
SMOKED	DO	1,143	996
SEA TROUT, FROZEN:			
DRESSED	DO	(1)	(1)
STEAKS	DO	(1)	(1)
FILLETS, BREADED RAW	DO	(1)	(1)
SHAD:			
FILLETS, FRESH (BONED)	DO	31,815	63,947
CANNED:			
FISH	STANDARD CASES	1,190	9,622
ROE	DO	1,082	128,566
SPECIALTIES (SMOKED)	DO	(1)	(1)
SMOKED	POUNDS	56,617	19,820
SHARKS:			
SMOKED	DO	2,214	1,804
FINS AND LEATHERS	-	-	(1)
OIL, LIVER	1,000 POUNDS	(1)	(1)
SHEEPSHEAD:			
FILLETS, FRESH	POUNDS	(1)	(1)
SMOKED	DO	(1)	(1)
SMELT:			
FROZEN:			
FOR BAIT	DO	(1)	(1)
FROZEN	DO	(1)	(1)
SPECIALTIES, BREADED AND COOKED	DO	106,465	40,727

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
SMELT - CONTINUED:			
SMOKED	POUNDS	(1)	(1)
FREEZE-DRIED	DO	(1)	(1)
SNAPPER, RED:			
FILLETS:			
FRESH	DO	57,652	$55,224
FROZEN	DO	375,447	409,186
STEAKS, FRESH AND FROZEN	DO	(2)	(2)
SPANISH MACKEREL:			
FILLETS, FRESH AND FROZEN	DO	1,866,002	871,832
SPECIALTIES IN SAUCE, FROZEN	DO	(1)	(1)
SALTED	DO	(1)	(1)
SPOT, SALTED	DO	(1)	(1)
STRIPED BASS FILLETS, FRESH	DO	(1)	(1)
STURGEON:			
CANNED:			
CAVIAR	STANDARD CASES	2,851	2,830,030
SMOKED	DO	859	62,015
SMOKED	POUNDS	1,617,334	3,026,310
SWORDFISH:			
STEAKS:			
FRESH	DO	448,118	342,077
FROZEN	DO	1,541,982	1,214,108
SPECIALTIES, FROZEN (IN LEMON BUTTER SAUCE)	DO	(1)	(1)
SMOKED	DO	13,737	18,488
OIL, LIVER	1,000 POUNDS	(1)	(1)
TENPOUNDER, FRESH (SPECIALTY MIX)	POUNDS	66,230	55,004
TRIGGERFISH, FILLETS, FRESH	DO	(1)	(1)
TUNA:			
SPECIALTIES, FROZEN (WITH NOODLES AND PIES)	DO	478,842	168,408
CANNED:			
ALBACORE	STANDARD CASES	6,539,939	94,198,340
LIGHTMEAT	DO	13,471,751	174,533,072
TOTAL	DO	20,011,690	268,731,412
SPECIALTIES, (SMOKED, CREAMED, SPREADS, AND WITH NOODLES)	DO	48,136	1,001,416
ANIMAL FOOD	DO	2,346,470	29,514,133
SALTED:			
FISH	POUNDS	(1)	(1)
PASTE	DO	44,894	22,975
SMOKED	DO	268,359	317,401
FREEZE-DRIED (SALAD MIX)	DO	(1)	(1)
SUN-DRIED	DO	98,205	129,109
MEAL AND SCRAP	TONS	(1)	(1)
OIL:			
BODY	1,000 POUNDS	(1)	(1)
LIVER	DO	(1)	(1)
SOLUBLES	TONS	(1)	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):			
FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
CANNED:			
REGULAR	STANDARD CASES	214,716	1,837,499
SMOKED	DO	(1)	(1)
SMOKED	POUNDS	84,935	57,463
WAHOO:			
CANNED	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	(1)	(1)
WHITE BASS FILLETS, FRESH AND FROZEN	DO	(1)	(1)
WHITEFISH:			
FILLETS:			
FRESH	DO	610,200	584,267
FROZEN	DO	76,600	48,266
CANNED:			
FISH	STANDARD CASES	(1)	(1)
CAVIAR	DO	2,577	220,240
SMOKED	POUNDS	2,638,184	2,572,172
WHITING:			
HEADED AND DRESSED, FRESH AND FROZEN	DO	34,098,561	4,044,099
FILLETS:			
FROZEN	DO	2,089,814	520,197
BREADED RAW, FROZEN	DO	(1)	(1)
SPECIALTIES, FROZEN, (BREADED AND COOKED, CRISPS)	DO	(1)	(1)
SMOKED	DO	659,984	270,215
WOLFFISH FILLETS, FRESH AND FROZEN	DO	171,553	65,671

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
YELLOW PERCH:			
FILLETS:			
FRESH	POUNDS	2,504,760	$1,631,322
FROZEN	DO	444,170	299,205
BREADED RAW, FRESH AND FROZEN	DO	2,250,240	1,378,275
SMOKED	DO	(1)	(1)
YELLOW PIKE:			
DRESSED, FROZEN	DO	(1)	(1)
FILLETS:			
FRESH	DO	425,600	425,184
FROZEN	DO	220,700	204,190
BREADED RAW, FROZEN	DO	193,892	152,699
CRABS:			
BLUE, HARD (INCLUDING ROCK CRABS):			
FRESH AND FROZEN:			
COOKED MEAT	DO	13,292,876	25,486,576
SPECIALTIES:			
CAKES AND PATTIES	DO	3,241,005	2,583,704
DEVILED	DO	2,939,782	2,365,005
STUFFED	DO	1,334,446	1,166,585
CUTLETS	DO	301,714	213,848
SOFT SHELL	DO	116,661	98,774
OTHER (BURGERS, STICKS, IMPERIAL, LOAF, ROLLS, COCKTAILS, ETC.)	DO	791,348	527,089
CANNED:			
REGULAR	STANDARD CASES	54,178	1,918,068
SPECIALTIES (DEVILED, GUMBO, DIPS, BISQUE, SOUPS, SMOKED, ETC.)	DO	18,896	432,061
BACK SHELLS, CLEANED AND POLISHED	-	-	(1)
MEAL AND SCRAP	TONS	7,605	398,155
DUNGENESS:			
FRESH AND FROZEN:			
COOKED MEAT	POUNDS	8,579,904	10,224,841
SECTIONS	DO	2,997,892	1,121,008
WHOLE	DO	806,597	308,759
SPECIALTIES (DIPS AND COCKTAILS)	DO	(1)	(1)
CANNED:			
REGULAR	STANDARD CASES	56,037	1,830,784
SPECIALTIES (COCKTAILS AND SMOKED)	DO	(3)	(3)
MEAL AND SCRAP	TONS	(3)	(3)
KING:			
FRESH AND FROZEN:			
COOKED MEAT	POUNDS	13,871,754	33,229,545
SECTIONS	DO	3,644,449	4,163,222
SPECIALTIES (COCKTAILS AND CAKES)	DO	267,073	293,160
CANNED, REGULAR	STANDARD CASES	94,195	5,149,969
FREEZE-DRIED	POUNDS	(1)	(1)
STONE, CLAWS, COOKED, FROZEN	DO	(1)	(1)
TANNER:			
FRESH AND FROZEN:			
COOKED MEAT	DO	405,713	287,551
SECTIONS	DO	377,163	185,286
CANNED, REGULAR	STANDARD CASES	1,689	78,311
CRAWFISH:			
COOKED MEAT, FRESH	POUNDS	210,389	398,019
SPECIALTIES:			
FROZEN (BISQUE)	DO	(1)	(1)
CANNED (FLAVORING AND BISQUE)	STANDARD CASES	(1)	(1)
LOBSTERS:			
NORTHERN:			
FRESH AND FROZEN, COOKED MEAT	POUNDS	989,460	3,449,204
FROZEN, WHOLE	DO	(1)	(1)
SPECIALTIES:			
FROZEN (PATTIES AND NEWBURGS)	DO	(1)	(1)
CANNED (MEAT, DIPS, SPREADS, NEWBURGS, KNUCKLES, THERMIDOR, SOUPS, AND CHOWDERS)	STANDARD CASES	11,213	335,267
SPINY:			
FRESH AND FROZEN:			
WHOLE, COOKED	POUNDS	1,698,379	1,771,806
TAILS, RAW	DO	1,734,577	4,142,496
COOKED MEAT	DO	(1)	(1)
CANNED (SOUP)	STANDARD CASES	(1)	(1)
SHRIMP:			
FRESH AND FROZEN:			
RAW, HEADLESS	POUNDS	79,155,932	80,746,012
PEELED (INCLUDING DEVEINED):			
RAW	DO	32,716,803	49,105,723
COOKED	DO	13,316,293	26,406,038

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
SHRIMP - CONTINUED:			
FRESH AND FROZEN - CONTINUED:			
BREADED, RAW AND COOKED	POUNDS	102,964,129	$101,680,582
COOKED, WHOLE	DO	2,773,432	1,313,119
SPECIALTIES:			
BURGERS	DO	129,258	97,022
COCKTAILS (REFRIGERATED)	DO	9,074,380	8,306,529
CREOLES (COOKED)	DO	1,467,769	871,969
PATTIES	DO	695,692	552,867
STUFFED	DO	1,079,490	1,285,882
DINNERS	DO	681,090	641,643
OTHER (DIPS, CASSEROLES, GUMBO, NEWBURGS, CREAMED, CURRIES, SOUPS, ETC.)	DO	4,170,062	3,151,091
CANNED:			
REGULAR	STANDARD CASES	2,809,965	29,443,519
SPECIALTIES (COCKTAILS, CREOLES, DIPS, GUMBO, NEWBURGS, ETC.)	DO	24,652	445,152
CURED:			
FREEZE-DRIED	POUNDS	(1)	(1)
SUN-DRIED	DO	560,439	1,066,791
SMOKED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
ABALONE:			
STEAKS:			
FRESH AND FROZEN	POUNDS	865,904	1,697,444
BREADED RAW, FROZEN	DO	(1)	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED RAW)	DO	(1)	(1)
CANNED (NATURAL AND SMOKED)	STANDARD CASES	(1)	(1)
CLAMS:			
FRESH AND FROZEN:			
SHUCKED:			
HARD (INCLUDES SURF AND OCEAN QUAHOG)	GALLONS	2,230,812	8,623,478
RANGIA	DO	(1)	(1)
RAZOR	DO	4,782	49,563
SOFT	DO	892,017	6,004,485
BAIT	POUNDS	(1)	(1)
SPECIALTIES:			
BREADED, RAW AND COOKED	DO	6,294,561	5,129,380
STUFFED, ON THE HALF SHELL	DO	367,704	328,546
OTHER (COCKTAILS, PATTIES, STRIPS, JUICE, ETC.)	DO	6,349,839	4,103,521
CANNED:			
WHOLE AND MINCED:			
HARD, SOFT AND SURF	STANDARD CASES	506,409	6,686,798
RAZOR	DO	1,343	38,692
CHOWDER AND JUICE (HARD, SOFT AND SURF)	DO	1,807,132	13,718,062
SPECIALTIES (DIPS, FRITTERS, CRISPS, IN SHELL, SMOKED, ETC.)	DO	90,508	1,468,280
CONCHS:			
FRESH AND FROZEN:			
MEATS	POUNDS	290,087	174,141
STEAMED	DO	(1)	(1)
SPECIALTIES (IN SAUCES)	DO	(1)	(1)
CANNED:			
MEAT	STANDARD CASES	9,838	291,771
SPECIALTIES (CHOWDER)	DO	(1)	(1)
MUSSELS, SEA:			
SPECIALTIES, FROZEN (IN TOMATO SAUCE)	POUNDS	(1)	(1)
CANNED (MEAT AND BISQUE)	STANDARD CASES	(1)	(1)
BUTTONS	GROSS	453,219	1,078,408
MUSSELS, FRESH-WATER (SHELL PRODUCTS):			
BUTTONS	DO	(4)	(4)
GRIT AND LIME	TONS	(1)	(1)
OCTOPUS:			
FROZEN, COOKED	POUNDS	(1)	(1)
SUN-DRIED	DO	(1)	(1)
OYSTERS:			
FRESH AND FROZEN:			
EASTERN:			
SHUCKED	GALLONS	4,150,100	34,264,752
STEAMED	POUNDS	1,002,655	2,025,453
SPECIALTIES:			
BREADED, RAW AND COOKED	DO	5,151,131	5,151,903
STEWS, COOKED	DO	768,078	260,936
OTHER (DRESSING AND PIES)	DO	45,492	28,411
PACIFIC:			
SHUCKED	GALLONS	777,534	4,509,077
BREADED, RAW	POUNDS	(1)	(1)
WESTERN, SHUCKED	GALLONS	6,408	214,976

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
OYSTERS - CONTINUED:			
CANNED:			
REGULAR (EASTERN AND PACIFIC)	STANDARD CASES	325,481	$5,623,645
SPECIALTIES:			
SMOKED	DO	909	80,494
STEWS	DO	202,303	3,628,173
BISQUE AND SOUP	DO	3,272	33,180
ANIMAL FOOD	DO	(1)	(1)
SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY GRIT	TONS	185,173	3,104,589
LIME, BURNED AND UNBURNED	DO	54,625	467,898
SCALLOPS:			
SHUCKED, FRESH AND FROZEN:			
BAY	GALLONS	179,853	2,126,322
CALICO	DO	(1)	(1)
SEA	POUNDS	3,664,664	4,173,465
SPECIALTIES, FROZEN:			
BREADED, RAW AND COOKED	DO	9,249,568	11,273,636
OTHER (IN SAUCES AND DINNERS)	DO	566,827	593,759
SQUID:			
FROZEN:			
FOR BAIT	DO	(1)	(1)
NATURAL	DO	9,244,327	898,047
SPECIALTIES (IN TOMATO SAUCE)	DO	(1)	(1)
CANNED	STANDARD CASES	351,858	1,733,656
SALTED (IN HOT SAUCE)	POUNDS	(1)	(1)
SUN-DRIED (IN HOT SAUCE)	DO	(1)	(1)
TURTLE:			
MEAT, FRESH AND FROZEN	DO	31,933	25,267
CANNED (MEAT, SOUPS, ETC.)	STANDARD CASES	8,593	243,388
FROG LEGS, FROZEN	POUNDS	(1)	(1)
WHALE:			
MEAT, FROZEN (FOR ANIMAL FOOD)	DO	1,862,689	149,014
MEAL AND SCRAP	TONS	1,095	131,242
OIL:			
SPERM	1,000 POUNDS	965	45,687
OTHER	DO	1,429	70,174
UNCLASSIFIED:			
FRESH AND FROZEN PACKAGED:			
FISH:			
NOT BREADED:			
FILLETS AND STEAKS, RAW	POUNDS	1,062,182	710,618
OTHER (DRESSED, FOR BAIT, ETC.)	DO	1,907,453	344,701
STICKS, BREADED:			
RAW	DO	5,255,321	2,083,735
COOKED	DO	86,439,622	39,369,961
PORTIONS:			
RAW:			
NOT BREADED	DO	6,401,938	2,356,747
BREADED	DO	123,849,491	45,359,863
BREADED AND COOKED	DO	52,519,282	20,903,198
FILLETS AND STEAKS, BREADED, RAW AND COOKED	DO	1,917,347	1,208,055
FISH AND SHELLFISH:			
CAKES, RAW, BREADED AND COOKED	DO	5,701,675	2,424,208
DINNERS, BREADED, RAW AND COOKED	DO	17,477,820	10,853,426
SPECIALTIES	DO	11,497,622	8,703,810
CANNED FISH AND SHELLFISH:			
GEFILTEFISH	STANDARD CASES	313,121	5,575,535
ANIMAL FOOD	DO	7,374,221	50,592,551
MISCELLANEOUS (CHOWDERS, GUMBOS, AND UNCLASSIFIED FISH AND SHELLFISH)	DO	145,972	2,525,637
CURED:			
SALTED	POUNDS	6,993,079	3,835,241
SMOKED	DO	286,235	259,539
FREEZE-DRIED	DO	(5)	(5)
SUN-DRIED	DO	440,590	1,839,331

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:			
MEAL AND SCRAP:			
TUNA AND MACKEREL	TONS	28,781	$2,955,047
SHRIMP.	DO	493	21,678
UNCLASSIFIED.	DO	25,341	3,369,269
OIL:			
TUNA AND MACKEREL	1,000 POUNDS	4,549	162,741
UNCLASSIFIED.	DO	3,704	358,561
FISH SOLUBLES	TONS	17,965	1,006,625
OTHER, (AGAR AGAR, IRISH MOSS EXTRACTS, KELP, FISH FEED PELLETS, ETC.).	-	-	22,516,744
GRAND TOTAL.	-	-	1,389,878,786

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH FILLET PRODUCTION.

3/ THE PRODUCTION OF CANNED DUNGENESS CRAB SPECIALTIES AND CRAB MEAL HAS BEEN INCLUDED WITH BLUE CRAB.

4/ THE PRODUCTION OF FRESH-WATER MUSSEL SHELL BUTTONS HAS BEEN INCLUDED WITH THE SEA MUSSEL BUTTON PRODUCTION.

5/ THE PRODUCTION OF FREEZE-DRIED PRODUCTS HAS BEEN INCLUDED WITH SUN-DRIED PRODUCTS.

NOTE:--SOME OF THE ABOVE ITEMS HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM FOREIGN COUNTRIES; THEREFORE, THE PRODUCTION CANNOT BE CORRELATED DIRECTLY WITH THE CATCH. CERTAIN ITEMS, SUCH AS SALTED ALEWIVES, MILD CURED SALMON, AND STEAMED OYSTERS, ETC., ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING. THE LIME AND POULTRY FEED PROCESSED FROM SHELL PRODUCTS WERE PROCESSED FROM LIVE AND REEF MOLLUSK SHELLS THAT ARE NOT INCLUDED IN THE CATCH STATISTICS.

CURED FISHERY PRODUCTS, 1968

ITEM	POUNDS	VALUE
SALTED (INCLUDES SPICED AND PICKLED):		
ALEWIVES	3,186,764	$491,074
COD	1,603,145	610,115
HERRING:		
LAKE	757,400	166,040
SEA	9,588,685	5,074,818
MACKEREL, ATLANTIC	258,500	103,555
MULLET	325,073	86,579
POLLOCK	17,700	6,320
SABLEFISH	118,100	43,716
SALMON	13,383,145	14,093,590
TUNA	44,894	22,975
OTHER (ALEWIVES, CHUBS, EELS, HAKE, LAKE HERRING, SEA HERRING, SALMON, PACIFIC SARDINES, SPANISH MACKEREL, SPOT, TUNA, SQUID AND KELP WITH EGGS, EITHER NATURAL OR IN SAUCES)	6,933,079	3,835,241
TOTAL	36,216,485	24,534,023
SMOKED:		
ALEWIVES	12,312	1,206
BARRACUDA	8,257	5,013
BUFFALOFISH	30,000	27,400
BUTTERFISH	33,930	22,136
CARP	295,150	151,210
CHUBS	6,821,009	4,551,788
COD	302,841	147,343
EELS	127,329	113,594
HADDOCK	93,950	53,971
HALIBUT	586,352	268,113
HERRING:		
LAKE	87,800	29,520
SEA	249,288	122,632
LAKE TROUT	53,198	56,939
MACKEREL:		
ATLANTIC	39,000	26,650
PACIFIC	825	424
PADDLEFISH	8,200	5,800
ROCKFISH	6,411	3,433
SABLEFISH	3,170,271	2,371,734
SALMON	12,277,666	21,126,964
SEA BASS	1,143	996
SHAD	56,617	19,820
SHARK	2,214	1,804
STURGEON	1,617,334	3,026,310
SWORDFISH	13,737	18,488
TUNA	268,359	317,401
TUNALIKE (BONITO AND YELLOWTAIL)	84,935	57,463
WHITEFISH	2,638,184	2,572,172
WHITING	659,984	270,215
OTHER (BROWN TROUT, CATFISH, KING MACKEREL, LINGCOD, MARLIN, MULLET, POLLOCK SAUGER, SHEEPHEAD, SMELT, WAHOO, YELLOW PERCH, SHRIMP, AND UNCLASSIFIED FISH)	286,235	259,539
TOTAL	29,832,531	35,630,078
SUN-DRIED:		
BIGEYE SCAD	37,342	7,438
TUNA	98,205	129,109
SHRIMP	560,439	1,066,791
OTHER (COD, CREVALLE, JACK MACKEREL, SABLEFISH, OCTOPUS, SQUID, AND UNCLASSIFIED FISH)	440,590	1,839,331
TOTAL	1,136,576	3,042,669
FREEZE-DRIED (COD, SMELT, TUNA, KING CRAB, SHRIMP AND UNCLASSIFIED FISH)	(1)	(1)
GRAND TOTAL	67,185,592	63,206,770

1/ INCLUDED WITH OTHER SUN-DRIED PRODUCTS.

NOTE:--PRODUCTS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

GENERAL REVIEW

CANNED FISHERY PRODUCTS, 1968

The pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 43 million standard cases (1.3 billion pounds) worth a record $583.9 million--1.8 million cases (68.6 million pounds) and $58.3 million more than in the previous year. The production gain resulted principally from a record pack of tuna and increased packs of canned salmon, shrimp, Maine sardines, and mackerel. The packs of canned crab meat and clam products declined compared with 1967.

The pack for human consumption (782.1 million pounds) increased 83.4 million, but the pack for bait and animal food (484.9 million) declined 14.7 million pounds compared with the previous year. The value of three items--salmon, tuna, and animal food--accounted for 80 percent of the total value received by producers of canned fishery products.

The pack of canned tuna was a record 20 million standard cases (396 million pounds) worth $268.7 million--an increase of 330,100 cases and $7.2 million compared with a year earlier. The pack was 58,100 cases greater than in 1966, the former record year. The Pacific coast led in production with 54 percent of the total pack, followed by Puerto Rico with 32 percent; and the Atlantic coast, Hawaii, and American Samoa, 14 percent. In 1955, a combination of all areas other than California accounted for 17 percent of the pack; in 1968, they accounted for 55 percent. Increased production in Puerto Rico and American Samoa has accounted for the gain.

The salmon pack of 3.4 million cases worth $118 million was 1.4 million cases and $41.9 million more than in the previous year. The entire increase was in the Alaska pack. Alaska accounted for 94 percent of the volume and 93 percent of the value.

The pack of canned shrimp was 2.8 million cases worth a record $29.4 million--an increase of 313,500 cases and $5.1 million compared with 1967. The production was the third largest on record--exceeded only by the 1939 pack of 3.1 million pounds and the record 1937 pack of 3.2 million pounds. Nearly 72 percent of the pack was canned in the Gulf States. Shrimp were also canned in Maine, Alaska, Washington, and Oregon.

The pack of canned Maine sardines (sea herring) was 1.7 million cases worth $19.3 million--480,000 cases and $5.4 million more than in the previous year. The pack was the largest since 1962. About one-half of the fish available for canning and reduction in Maine plants were imports of fresh sea herring from Canada: the Maine sea herring harvest was only slightly greater than the 64.7-million-pound average catch for the 5-year period, 1964-68.

The pack of Pacific and jack mackerel (495,400 cases worth $4.1 million) increased 75 percent compared with the previous year. Jack mackerel accounted for 98 percent of both the volume and value of the pack.

The pack of clams and clam products was 2.3 million cases worth $20.4 million--a decline of 221,100 cases and $1.3 million compared with 1967. Whole and minced clams accounted for 22 and 33 percent, respectively, of the volume and value of the pack.

The pack of crab meat, 206,100 cases worth $9 million, declined 291,700 cases (59 percent) compared with the previous year. It was the smallest pack since 1959. The pack of king crab meat, principally in Alaska, declined markedly from 400,000 cases in 1967 to 94,200 cases in 1968. The pack of Dungeness crab meat was also sharply curtailed. Along the Atlantic and Gulf coasts, however, the production of blue crab meat increased from 39,700 cases in 1967 to 54,200 cases in 1968.

The oyster pack of 325,500 cases worth $5.6 million was 4,700 cases and $528,400 less than a year earlier. Production of oyster specialties (smoked, stews, bisque, and soups) was 206,500 cases--compared with 243,000 in 1967.

The pack of canned animal food containing 10 pounds or more of raw fish per standard case (48 one-pound cans) was 10.1 million cases--slightly less than the 10.4 million cases packed in the previous year. However, the record value of $82.5 million increased 5 percent. Animal food containing less than 10 pounds of fish per standard case of 48 pounds (4.1 million cases worth $18.4 million) has been excluded from these tabulations.

Data on the production of canned fishery products during 1968 have been published previously in Current Fishery Statistics No. 4949.

GENERAL REVIEW

SUMMARY OF PRODUCTION, BY COMMODITIES, 1968

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
FOR HUMAN CONSUMPTION:					
SALMON	105	3,447,699	48	165,489,552	$118,015,464
SARDINES, MAINE	22	1,730,306	23.4	40,489,160	19,296,678
TUNA:					
SOLID	33	4,971,041	21	104,391,861	75,007,377
CHUNKS	32	13,888,738	19.5	270,830,391	183,544,453
FLAKES AND GRATED	30	1,151,911	18	20,734,398	10,179,582
TOTAL	1/33	20,011,690	-	395,956,650	268,731,412
TUNALIKE FISH	5	214,716	21-19.5-18	4,202,097	1,837,499
ALEWIVES	6	75,768	45	3,409,560	448,994
MACKEREL	5	495,424	45	22,294,080	4,098,122
SHAD	3	1,190	45	53,550	9,622
GEFILTEFISH	4	313,121	48	15,029,808	5,575,535
SALMON, SMOKED	35	2,076	48	99,648	182,990
STURGEON, SMOKED	11	859	48	41,232	62,015
TUNA SPECIALTIES (SMOKED, CREAMED, SPREADS, CREOLES, AND WITH NOODLES)	12	48,136	48	2,310,528	1,001,416
ANCHOVY PASTE	4	1,478	48	70,944	107,570
MISCELLANEOUS FISH SPECIALTIES	19	121,443	48	5,828,784	1,852,445
FISH ROE AND CAVIAR	19	42,160	48	2,023,680	4,469,695
TOTAL FISH	-	26,506,066	-	657,299,273	425,689,457
CRAB MEAT	30	206,099	19.5	4,018,931	8,977,132
CRAB MEAT SPECIALTIES	9	18,896	48	907,008	432,061
LOBSTER MEAT AND SPECIALTIES	7	11,213	48	538,224	335,267
SHRIMP	39	2,809,965	6.75	2/18,967,264	29,443,519
SHRIMP SPECIALTIES	8	24,652	48	1,183,296	445,152
CLAMS AND CLAM PRODUCTS:					
WHOLE	9	10,876	15	3/163,140	214,522
MINCED	15	496,876	15	3/7,453,140	6,510,968
CHOWDER	15	1,675,833	30	3/50,274,990	12,932,827
JUICE	10	131,299	30	3/3,938,970	785,235
TOTAL	1/29	2,314,884	-	3/61,830,240	20,443,552
CLAM SPECIALTIES	13	90,508	48	4,322,784	1,468,280
CONCH MEAT	3	9,838	48	372,224	291,771
OYSTERS	22	325,481	14	2/ 4,556,734	5,623,645
OYSTER SPECIALTIES:					
SMOKED	5	909	48	43,632	80,494
STEWS	9	202,303	48	9,710,544	3,628,173
BISQUE AND SOUPS	4	3,272	48	157,056	33,180
SQUID	8	351,898	48	16,891,104	1,733,656
TURTLE MEAT, SOUPS, AND STEWS	6	8,593	48	412,464	243,388
MISCELLANEOUS SHELLFISH SPECIALTIES	7	18,567	48	891,216	418,133
TOTAL SHELLFISH	-	6,397,078	-	124,802,721	73,597,403
TOTAL FOR HUMAN CONSUMPTION	-	32,903,144	-	782,101,994	499,286,860
BAIT AND ANIMAL FOOD:					
ANIMAL FOOD	51	10,088,424	48	484,244,352	82,504,451
SALMON EGGS FOR BAIT	7	14,146	48	679,008	2,116,473
TOTAL BAIT AND ANIMAL FOOD	58	10,102,570	-	484,923,360	84,620,924
GRAND TOTAL	1/304	43,005,714	-	1,267,025,354	583,907,784

1/ EXCLUSIVE OF DUPLICATION.

2/ DRAINED WEIGHT.

3/ "CUT OUT" OR "DRAINED" WEIGHT OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND NET CONTENTS FOR OTHER CLAM PRODUCTS.

NOTE:--LISTS OF CANNERS OF FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE U.S. DEPARTMENT OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE, DIVISION OF STATISTICS AND MARKET NEWS, 1801 N. MOORE STREET, ARLINGTON, VIRGINIA 22209.

GENERAL REVIEW

VALUE OF PRODUCTION, BY STATES, 1968

STATE	CANNED FISHERY PRODUCTS
	VALUE
MAINE	$25,786,977
MASSACHUSETTS AND CONNECTICUT	24,411,885
NEW YORK	7,662,483
NEW JERSEY	15,604,105
PENNSYLVANIA AND DELAWARE	7,286,960
MARYLAND	7,308,445
VIRGINIA	1,036,496
NORTH CAROLINA AND SOUTH CAROLINA	2,607,467
FLORIDA AND TEXAS	1,326,783
MISSISSIPPI	16,272,644
LOUISIANA	23,297,675
ILLINOIS, KANSAS AND NEBRASKA	404,915
MICHIGAN AND WISCONSIN	2,146,984
ALASKA	121,139,523
WASHINGTON	17,654,745
OREGON	30,810,338
CALIFORNIA	150,195,868
HAWAII AND AMERICAN SAMOA	35,561,477
PUERTO RICO	93,392,014
TOTAL	583,907,784

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	1940 AND PRIOR YEARS	1941	1942	1943	1944 TO 1947
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	25	25	20.3	20.3	20.3
PACIFIC	48	48	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	24	21	22.5	22.5	21
CHUNKS	-	-	-	-	(1)
FLAKES	24	21	18	18	18
MACKEREL	48	48	45	45	45
ALEWIVES	48	48	48	45	45
ANCHOVIES	48	48	48	48	48
SHAD	48	48	48	48	45
FISH FLAKES	48	48	48	48	42
OYSTERS	15	15	15	22.5	22.5
SHRIMP, WET PACK	17.25	17.25	21	21	21
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	2/39	39	39	39	39
ALL OTHER	48	48	48	48	48

PRODUCT	1948 TO 1951	1952	1953 TO 1957	1958 TO 1964	1965 TO 1968
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	20.3	20.3	20.3	23.4	23.4
PACIFIC	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	21	21	21	21	21
CHUNKS	(1)	19.5	19.5	19.5	19.5
FLAKES	18	18	18	18	18
MACKEREL	45	45	45	45	45
ALEWIVES	45	45	45	45	45
ANCHOVIES	48	48	31.25	31.25	31.25
SHAD	45	45	45	45	45
FISH FLAKES	42	42	48	48	48
OYSTERS	14	14	14	14	14
SHRIMP, WET PACK	15	15	15	15	6.75
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	19.5	19.5	19.5	19.5	19.5
ALL OTHER	48	48	48	48	48

1/ PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK. 2/ PRIOR TO 1939 THE PACK OF CRAB MEAT CONTAINED 48 POUNDS PER CASE. NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

GENERAL REVIEW

PLANTS PRODUCING CANNED FISHERY PRODUCTS, 1968

AREA AND STATE	NUMBER OF PLANTS
NEW ENGLAND:	
MAINE	27
MASSACHUSETTS	5
CONNECTICUT	1
TOTAL	33
MIDDLE ATLANTIC:	
NEW YORK	11
NEW JERSEY	14
PENNSYLVANIA	6
DELAWARE	1
TOTAL	32
CHESAPEAKE BAY:	
MARYLAND	3
VIRGINIA	6
TOTAL	9
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	5
SOUTH CAROLINA	2
FLORIDA	4
MISSISSIPPI	12
LOUISIANA	22
TEXAS	2
TOTAL	47
GREAT LAKES AND MISSISSIPPI RIVER:	
ILLINOIS	1
KANSAS	1
MICHIGAN	1
NEBRASKA	1
WISCONSIN	3
TOTAL	7
PACIFIC COAST:	
WASHINGTON	46
OREGON	19
CALIFORNIA	17
ALASKA	87
TOTAL	169
HAWAII	1
AMERICAN SAMOA	2
PUERTO RICO	4
GRAND TOTAL	304

TUNA
SALMON

GENERAL REVIEW

PACK OF SALMON, 1968

(STANDARD CASES)

SPECIES	ALASKA		WASHINGTON	
	CASES	VALUE	CASES	VALUE
CHINOOK OR KING . .	43,667	$1,659,346	6,654	$199,319
CHUM OR KETA. . . .	629,936	16,962,780	24,211	636,937
PINK.	1,818,159	58,181,088	23,405	691,216
RED OR SOCKEYE. . .	626,657	28,512,893	83,771	3,924,710
SILVER OR COHO. . .	119,563	4,065,142	21,441	744,508
TOTAL.	3,237,982	109,381,249	159,482	6,196,690

SPECIES	OREGON		TOTAL	
	CASES	VALUE	CASES	VALUE
CHINOOK OR KING . .	1/19,893	1/$990,838	70,214	$2,849,503
CHUM OR KETA. . . .	392	10,949	654,539	17,610,666
PINK.	2	68	1,841,566	58,872,372
RED OR SOCKEYE. . .	4,181	240,207	714,609	32,677,810
SILVER OR COHO. . .	22,921	1,074,812	163,925	5,884,462
STEELHEAD	2,846	120,651	2,846	120,651
TOTAL.	50,235	2,437,525	3,447,699	118,015,464

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES. SALMON WERE CANNED IN 23 PLANTS IN WASHINGTON, 11 IN OREGON, 69 IN ALASKA, AND 2 IN CALIFORNIA. THE PACK OF SMOKED SALMON IS INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS."

PACK OF SALMON, BY CAN SIZES, 1968

(STANDARD CASES)

STATE AND SPECIES	CAN SIZE							
	4-POUND TALL		1-POUND TALL		1/2-POUND FLAT		1/4-POUND FLAT	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALASKA:								
CHINOOK OR KING .	322	$12,236	10,674	$387,376	32,393	$1,249,242	278	$10,492
CHUM OR KETA. . .	19,615	528,740	577,931	15,518,104	32,390	915,936	-	-
PINK.	71,095	2,298,519	1,592,926	50,409,154	154,138	5,473,415	-	-
RED OR SOCKEYE. .	11,725	504,410	426,641	18,392,537	141,881	6,807,738	46,410	2,808,208
SILVER OR COHO. .	16,707	557,332	84,689	2,824,230	17,335	647,517	832	36,063
TOTAL.	119,464	3,901,237	2,692,861	87,531,401	378,137	15,093,848	47,520	2,854,763
WASHINGTON:								
CHINOOK OR KING .	106	2,968	4,416	115,300	1,945	70,542	187	10,509
CHUM OR KETA. . .	2,867	81,293	18,312	470,431	2,978	83,628	54	1,585
PINK.	6,238	188,877	15,658	454,082	1,505	48,113	4	144
RED OR SOCKEYE. .	2,670	109,296	9,455	360,385	42,155	1,867,597	29,491	1,587,432
SILVER OR COHO. .	3,067	103,058	9,333	250,997	2,728	99,397	6,313	291,056
TOTAL.	14,948	485,492	57,174	1,651,195	51,311	2,169,277	36,049	1,890,726
OREGON:								
CHINOOK OR KING .	-	-	1,930	60,919	1/13,467	1/649,730	1/4,496	1/280,189
CHUM OR KETA. . .	-	-	9	234	383	10,715	-	-
PINK.	-	-	-	-	2	68	-	-
RED OR SOCKEYE. .	-	-	-	-	86	4,275	4,095	235,932
SILVER OR COHO. .	-	-	2,035	56,178	2,079	79,320	18,807	939,314
STEELHEAD	-	-	1	30	1,189	46,948	1,656	73,673
TOTAL.	-	-	3,975	117,361	17,206	791,056	29,054	1,529,108
GRAND TOTAL. .	134,412	4,386,729	2,754,010	89,299,957	446,654	18,054,181	112,623	6,274,597

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

WASHINGTON AND OREGON SALMON PACK BY DISTRICTS, 1968

(STANDARD CASES)

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. .	462	$16,160	25,678	$1,154,724	1/ 407	1/ $19,273	26,547	$1,190,157
CHUM OR KETA . . .	23,003	605,617	1,600	42,269	-	-	24,603	647,886
PINK	23,405	691,216	2	68	-	-	23,407	691,284
RED OR SOCKEYE . .	83,547	3,913,861	4,386	250,006	19	1,050	87,952	4,164,917
SILVER OR COHO . .	17,434	627,537	26,778	1,184,893	150	6,890	44,362	1,819,320
STEELHEAD.	-	-	2,846	120,651	-	-	2,846	120,651
TOTAL	147,851	5,854,391	61,290	2,752,611	576	27,213	209,717	8,634,215

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

PUGET SOUND SALMON PACK, BY ORIGIN OF FISH, 1968

(STANDARD CASES)

SPECIES	PUGET SOUND FISH	ALASKAN FISH	TOTAL FISH
	CASES	CASES	CASES
CHINOOK OR KING.	297	165	462
CHUM OR KETA	16,149	6,854	23,003
PINK	251	23,154	23,405
RED OR SOCKEYE	71,532	12,015	83,547
SILVER OR COHO	14,514	2,920	17,434
TOTAL	102,743	45,108	147,851

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

PACK OF MAINE SARDINES, 1968

STYLE OF PACK	STANDARD CASES	VALUE
IN SOYBEAN OIL	1,502,197	$16,918,804
IN OLIVE OIL	8,422	129,323
IN MUSTARD SAUCE	173,586	1,846,961
IN TOMATO SAUCE.	34,545	277,153
OTHER (WITH CHILI PEPPERS)	11,556	124,437
TOTAL	1,730,306	19,296,678

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-3/4 OUNCES NET) TO THE CASE. SARDINES WERE CANNED IN 22 PLANTS IN MAINE.

PACK OF PACIFIC SARDINES, 1968

THE 1968 CANNED PACK OF PACIFIC SARDINES WAS ONE OF THE LOWEST ON RECORD. LESS THAN THREE PLANTS WERE IN OPERATION. PRODUCTION OF CANNED PACIFIC SARDINES HAS BEEN INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS."

PACK OF TUNA, 1968

(STANDARD CASES)

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC COAST, HAWAII AND TERRITORIES		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALBACORE:								
SOLID PACK. .	1,102,970	$17,667,008	824,102	$13,218,760	1,777,382	$26,192,947	3,704,454	$57,078,715
CHUNKS. . . .	890,518	12,594,347	209,076	2,787,862	1,266,894	17,580,894	2,366,488	32,963,103
FLAKES AND GRATED . . .	63,862	615,576	142,251	1,224,022	262,884	2,316,924	468,997	4,156,522
TOTAL . . .	2,057,350	30,876,931	1,175,429	17,230,644	3,307,160	46,090,765	6,539,939	94,198,340
LIGHT MEAT:								
SOLID PACK. .	757,100	11,549,119	2,130	29,158	507,357	6,350,385	1,266,587	17,928,662
CHUNKS. . . .	5,852,470	76,639,071	578,430	6,746,726	5,091,350	67,195,553	11,522,250	150,581,350
FLAKES AND GRATED.. . .	376,000	3,284,191	22,393	187,367	284,521	2,551,502	682,914	6,023,060
TOTAL . . .	6,985,570	91,472,381	602,953	6,963,251	5,883,228	76,097,440	13,471,751	174,533,072
GRAND TOTAL	9,042,920	122,349,312	1,776,382	24,193,895	9,190,388	122,188,205	20,011,690	268,731,412

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK, 6-1/2 OUNCES NET WEIGHT OF CHUNKS, AND 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. THE PACK OF DIETETIC TUNA IS INCLUDED IN THESE TOTALS. TUNA WERE CANNED IN 8 PLANTS EACH IN CALIFORNIA AND OREGON, 7 PLANTS IN WASHINGTON, 4 PLANTS IN PUERTO RICO, 2 PLANTS IN AMERICAN SAMOA, AND 1 PLANT EACH IN MAINE, MARYLAND, FLORIDA, AND HAWAII. DATA ON THE PACK OF TUNA SPECIALTIES CAN BE FOUND IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS." THE PACK OF TUNA FOR ANIMAL FOOD IS NOT INCLUDED IN THE ABOVE TABLE.

PACK OF TUNA, BY CAN SIZES, 1968

CAN AND CASE SIZE		ACTUAL CASES	VALUE
4 POUND	(12 CANS) . . .	302,097	$7,817,771
1 POUND	(48 CANS) . . .	603,671	15,395,075
1/2 POUND	(48 CANS) . . .	15,658,129	205,652,829
1/4 POUND	(48 CANS) . . .	1,677,680	16,375,296
9-1/4 OUNCES.	(24 CANS) . . .	2,471,742	23,100,809
OTHER SIZES (CONVERTED TO STANDARD CASES)		26,215	389,632
TOTAL.		20,739,534	268,731,412

PACK OF TUNA, BY AREAS AND STATES, 1968

(STANDARD CASES)

AREA AND STATE	CASES	VALUE	AREA AND STATE	CASES	VALUE
PACIFIC COAST:			OTHER:		
WASHINGTON.	234,327	$2,798,206	FLORIDA, MAINE, MARYLAND, HAWAII AND AMERICAN SAMOA	2,789,880	$38,167,317
OREGON.	1,544,055	21,395,689	PUERTO RICO.	6,400,508	84,020,888
CALIFORNIA.	9,042,920	122,349,312	TOTAL.	9,190,388	122,188,205
TOTAL.	10,821,302	146,543,207	GRAND TOTAL.	20,011,690	268,731,412

PACK OF TUNALIKE FISH, 1968

SPECIES	STANDARD CASES	VALUE
BONITO:		
SOLID PACK, CHUNKS, AND FLAKES OR GRATED.	214,716	$1,837,499

NOTE:--"STANDARD CASES" REPRESENT THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK. TUNALIKE FISHES WERE CANNED IN 4 PLANTS IN CALIFORNIA AND 1 PLANT IN FLORIDA.

GENERAL REVIEW

PACK OF ALEWIVES, 1968

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
NORTH CAROLINA (3) AND VIRGINIA (3).	75,768	$448,994

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF MACKEREL, 1968

ITEM	STANDARD CASES	VALUE
JACK MACKEREL, NATURAL AND IN TOMATO SAUCE	487,265	$4,028,777
PACIFIC MACKEREL, NATURAL.	8,159	69,345
TOTAL	495,424	4,098,122

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. MOST OF THE PACK WAS CANNED IN 15 OUNCE CANS. MACKEREL WERE CANNED IN 5 PLANTS IN CALIFORNIA.

PACK OF SHAD, 1968

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
OREGON (2), AND WASHINGTON (1)	1,190	$9,622

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1968

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MASSACHUSETTS (3).	2,646,283	$23,680,296
NEW YORK (2) AND NEW JERSEY (1).	141,689	756,918
PENNSYLVANIA (3)	258,803	1,951,820
MARYLAND (1) AND VIRGINIA (2).	118,730	608,563
NORTH CAROLINA (1), FLORIDA (1), AND LOUISIANA (1)	394,592	5,022,329
MISSISSIPPI (4).	2,450,264	8,975,144
ILLINOIS (1), KANSAS (1), NEBRASKA (1), AND WISCONSIN (2)	371,269	2,411,102
CALIFORNIA (9)	1,738,966	19,338,287
WASHINGTON (4)	255,111	1,837,609
OREGON (7)	796,222	5,650,645
HAWAII (1) AND AMERICAN SAMOA (2).	206,350	2,900,612
PUERTO RICO (4).	710,145	9,371,126
TOTAL (51).	10,088,424	82,504,451

NOTE:--EACH STANDARD CASE CONTAINS 10 OR MORE POUNDS OF FISH. AN ADDITIONAL PACK (4,126,785 STANDARD CASES VALUED AT $18,422,096) HAD LESS THAN 10 POUNDS OF FISH PER STANDARD CASE AND IS NOT INCLUDED IN THE ABOVE PACK. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES.

GENERAL REVIEW

PACK OF FISH ROE AND CAVIAR, 1968

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATE OF PRODUCTION AND NUMBER OF PLANTS
ALEWIFE ROE (7)	23,373	$274,072	VIRGINIA (4) AND NORTH CAROLINA (3)
SHAD ROE (5)	1,082	128,566	OREGON (3), CALIFORNIA (1), AND WASHINGTON (1)
SALMON CAVIAR (5)	5,442	735,012	NEW YORK (5)
WHITEFISH CAVIAR (5)	2,577	220,240	NEW YORK (4) AND WISCONSIN (1)
GROUNDFISH ROE (1), STURGEON ROE (3), AND LUMPFISH CAVIAR (3)	9,686	3,111,805	NEW YORK (3), AND MASSACHUSETTS (1)
TOTAL EDIBLE ROE AND CAVIAR (19) 1/	42,160	4,469,695	
SALMON EGGS FOR BAIT (7)	14,146	2,116,473	WASHINGTON (7)
GRAND TOTAL (26) 1/	56,306	6,586,168	

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1968

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
NEW YORK (5)	12,638	$3,942,570
NORTH CAROLINA (3)	2,513	36,990
VIRGINIA (4)	20,860	237,082
WASHINGTON (8)	14,155	2,117,309
OREGON (3)	1,042	124,730
WISCONSIN (1), MASSACHUSETTS (1), AND CALIFORNIA (1)	5,098	127,487
TOTAL (26)	56,306	6,586,168

PACK OF CRAB MEAT, 1968

STATE AND NUMBER OF PLANTS	SPECIES	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:			
MAINE (1), NORTH CAROLINA (1), SOUTH CAROLINA (1), AND MISSISSIPPI (2)	BLUE 1/	54,178	$1,918,068
PACIFIC COAST STATES:			
WASHINGTON (3) AND CALIFORNIA (1)	DUNGENESS	22,841	681,816
OREGON (4)	DUNGENESS	7,423	238,121
ALASKA (5)	DUNGENESS	25,773	910,847
ALASKA (12)	KING	94,195	5,149,969
ALASKA (3)	TANNER	1,689	78,311
TOTAL, EXCLUSIVE OF DUPLICATION (25)		151,921	7,059,064
GRAND TOTAL (30)		206,099	8,977,132

1/ INCLUDES A SMALL PACK OF ROCK CRABS IN MAINE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES.

PACK OF CLAMS AND CLAM PRODUCTS, 1968

(STANDARD CASES)

SPECIES	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
CLAMS:						
HARD, SOFT AND SURF . . .	506,409	$6,686,798	1,807,132	$13,718,062	2,313,541	$20,404,860
RAZOR	1,343	38,692	-	-	1,343	38,692
TOTAL.	507,752	6,725,490	1,807,132	13,718,062	2,314,884	20,443,552

NOTE:--CLAMS WERE CANNED IN 8 PLANTS IN NEW JERSEY, 4 PLANTS IN WASHINGTON, AND 3 PLANTS EACH IN ALASKA AND AND MAINE, TWO PLANTS EACH IN OREGON, MASSACHUSETTS, PENNSYLVANIA AND MARYLAND, AND 1 PLANT EACH IN DELAWARE, CONNECTICUT AND CALIFORNIA. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT, AND EACH CAN OF CHOWDER, JUICE, BROTH, NECTAR, 10 OUNCES NET CONTENT. THE PACK OF CLAMS IN THE SHELL IS NOT INCLUDED.

CLAM PRODUCTION, BY TYPE OF PACK, 1968

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
CLAMS:			
WHOLE (9)	10,876	163,140	$214,522
MINCED (15)	496,876	7,453,140	6,510,968
CHOWDER (15).	1,675,833	50,274,990	12,932,827
JUICE (INCLUDES BOUILLON, BROTH, AND NECTAR) (10)	131,299	3,938,970	785,235
TOTAL, EXCLUSIVE OF DUPLICATION (29) . .	2,314,884	61,830,240	20,443,552

PACK OF OYSTERS, 1968

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
SOUTH CAROLINA (1), MISSISSIPPI (9), LOUISIANA (9), WASHINGTON (2), AND OREGON (1)	325,481	$5,623,645

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE EACH CONTAINING 4-2/3 OUNCES OF OYSTER MEATS.

PACK OF SHRIMP, 1968

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
GULF STATES:		
TEXAS (2), LOUISIANA (16), AND MISSISSIPPI (10)	2,018,888	$22,079,175
ATLANTIC AND PACIFIC STATES:		
WASHINGTON (1), MAINE (2), AND OREGON (3)	231,676	1,819,262
ALASKA (5)	559,401	5,545,082
TOTAL (11)	791,077	7,364,344
GRAND TOTAL (39)	2,809,965	29,443,519

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF TWENTY-FOUR CANS TO THE CASE, EACH CONTAINING 4-1/2 OUNCES OF SHRIMP MEATS.

PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1968

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
ANCHOVY PASTE	1,478	$107,570	NEW YORK (2), MICHIGAN (1), AND MARYLAND (1)
GEFILTEFISH	313,121	5,575,535	NEW JERSEY (3) AND NEW YORK (1)
SALMON:			
SMOKED	2,076	182,990	ALASKA (15), CALIFORNIA (1), OREGON (6), AND WASHINGTON (13)
SPECIALTIES (SPREADS, CREAMED PASTE AND SALTED LIVERS)	866	26,298	MAINE (1), MICHIGAN (1), AND WASHINGTON (1)
STURGEON, SMOKED	859	62,015	OREGON (5) AND WASHINGTON (6)
TUNA SPECIALTIES: SMOKED, CREAMED, SPREADS, CREOLES, AND WITH NOODLES	48,136	1,001,416	CALIFORNIA (2), MAINE (1), MASSACHUSETTS (1), PENNSYLVANIA (1), OREGON (2), AND WASHINGTON (4)
OTHER (ANCHOVIES, BONITO, COD, HADDOCK, HALIBUT, SEA HERRING, KING MACKEREL, ATLANTIC MACKEREL, MARLIN, MULLET, POLLOCK, SABLEFISH, PACIFIC SARDINES, SHAD, WAHOO, WHITEFISH, YELLOWTAIL, EITHER NATURAL, OR IN SAUCES, SMOKED, CHOWDERS, BITES, FLAKES, ETC.)	120,577	1,826,147	MAINE (3), MASSACHUSETTS (1), NEW JERSEY (4), FLORIDA (1), WASHINGTON (1), CALIFORNIA (3), AMERICAN SAMOA (2), CONNECTICUT (1), MICHIGAN (1), AND ALASKA (3)
TOTAL FISH	487,113	8,781,971	
SHELLFISH:			
CRAB SPECIALTIES (DEVILED, GUMBO, DIPS, BISQUE, SOUPS, SMOKED, COCKTAILS, AND SPREADS)	18,896	432,061	MAINE (1), NEW JERSEY (1), PENNSYLVANIA (1), MARYLAND (1), SOUTH CAROLINA (1), LOUISIANA (1), OREGON (1), AND WASHINGTON (2)
LOBSTER SPECIALTIES (MEAT, DIPS, SPREADS, NEWBURGS, KNUCKLES, THERMIDOR, SOUPS, AND CHOWDERS)	11,213	335,267	MAINE (1), MICHIGAN (1), CONNECTICUT (1), NEW JERSEY (2), MARYLAND (1), AND PENNSYLVANIA (1)
SHRIMP (COCKTAILS, CREOLES, DIPS, GUMBO, CHOWDERS, NEWBURG, SOUPS, BISQUE, AND IN SAUCE)	24,652	445,152	MAINE (1), NEW JERSEY (1), PENNSYLVANIA (1), MARYLAND (1), LOUISIANA (3), AND OREGON (1)
CLAM SPECIALTIES (DIPS, FRITTERS, CRISPS, SPREADS, IN THE SHELL, SMOKED, SOUPS, STEWS, AND SAUCES)	90,508	1,468,280	WASHINGTON (3), OREGON (1), PENNSYLVANIA (1), MAINE (3), MASSACHUSETTS (1) CONNECTICUT (1), DELAWARE (1), AND NEW JERSEY (2)
CONCH MEAT	9,838	291,771	DELAWARE (1), NEW JERSEY (1), AND NEW YORK (1)
OYSTER SPECIALTIES:			
SMOKED	909	80,494	WASHINGTON (6)
STEW	202,303	3,628,173	LOUISIANA (1), MISSISSIPPI (1), NEW JERSEY (1), SOUTH CAROLINA (1), FLORIDA (1), WASHINGTON (3), AND OREGON (1)
BISQUE AND SOUPS	3,272	33,180	LOUISIANA (1), NEW JERSEY (1), PENNSYLVANIA (1), AND WASHINGTON (1)
SQUID	351,898	1,733,656	CALIFORNIA (6), NEW YORK (1), AND NEW JERSEY (1)
TURTLE MEAT, SOUPS, CHOWDERS, AND CONSOMMES	8,593	243,388	LOUISIANA (3), FLORIDA (1), NEW JERSEY (1), AND PENNSYLVANIA (1)
OTHER SPECIALTIES (CRAWFISH, ABALONE, SPINY LOBSTER, CONCH, AND MUSSELS, EITHER NATURAL, SMOKED, OR IN SAUCES, ETC.)	18,567	418,133	LOUISIANA (2), CALIFORNIA (2), FLORIDA (1), NEW YORK (1), AND NEW JERSEY (1)
TOTAL SHELLFISH	740,649	9,109,555	
GRAND TOTAL	1,227,762	17,891,526	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES NET WEIGHT.

INDUSTRIAL FISHERY PRODUCTS, 1968

The production of industrial fishery products by 149 plants in the United States, American Samoa, and Puerto Rico was valued at $70.1 million--an increase of $9.1 million compared with 1967.

The production of 235,100 tons of marine animal scrap and meal was 23,900 tons (11 percent) greater than in the previous year. The gain was principally in menhaden meal which increased from 119,100 tons in 1967 to 143,200 tons in 1968.

The total U.S. supply of fish meal (domestic production plus imports) was a record 1,090,000 tons. Imports accounted for 78 percent of this amount.

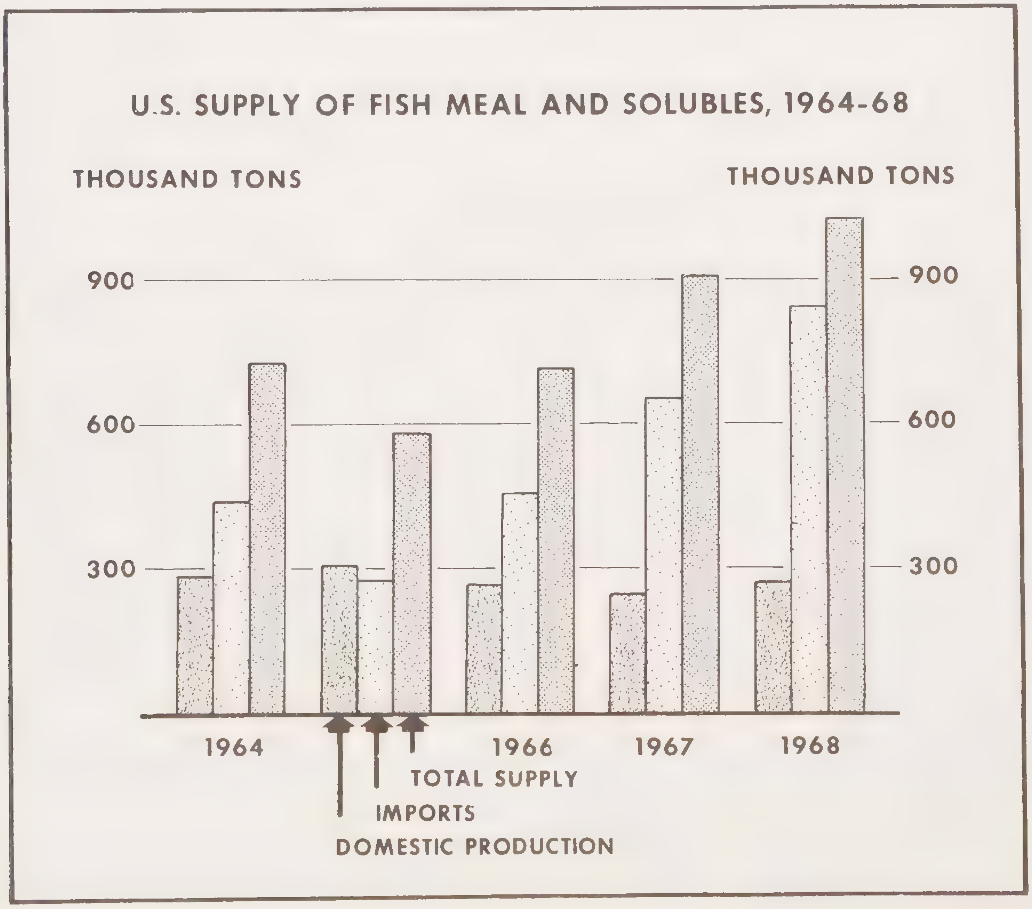
Domestic production of marine animal oil was 174.1 million pounds--a gain of 51.7 million compared with the previous year. The menhaden oil production of 152 million pounds was 50.6 million more than in 1967, and accounted largely for the increase.

The production of fish solubles was 71,800 tons--4 percent less than a year ago. Homogenized condensed fish has not been produced since 1963.

Products from oyster shells and buttons from fresh-water marine mollusk shells were valued at $4.7 million--a decline of $282,000 compared with the previous year.

Other industrial items produced in 1968 included agar-agar, fish feed pellets and animal food, Irish moss extracts, kelp products, leather products, fish fins, liquid fertilizer, colored chips, pearl essence, crab shells, shell dust, and miscellaneous seaweed products valued at $24.2 million. In 1967, these products were valued at $19.4 million.

Data on the production of industrial fishery products during 1968 have been published previously in Current Fishery Statistics No. 4950.



SUMMARY OF PRODUCTION, BY COMMODITIES, 1968

PRODUCTS	NUMBER OF PLANTS	UNIT	QUANTITY	VALUE
MARINE ANIMAL SCRAP AND MEAL	127	TONS	235,136	$30,261,328
MARINE ANIMAL OILS, BODY OIL	73	THOUSAND POUNDS	174,072	7,326,691
FISH SOLUBLES	32	TONS	71,833	3,706,548
MARINE PEARL AND MUSSEL SHELL BUTTONS	4	GROSS	453,219	1,078,408
OYSTER SHELL GRIT AND LIME ("LIVE AND REEF SHELLS")	10	TONS	239,798	3,572,487
MISCELLANEOUS INDUSTRIAL PRODUCTS	24	-	-	24,181,692
TOTAL	1/149	-	-	70,127,154

1/ EXCLUSIVE OF DUPLICATION.

VALUE OF PRODUCTION, BY STATES, 1968

STATE	VALUE
MAINE	$13,299,280
MASSACHUSETTS AND RHODE ISLAND	1,890,449
NEW YORK AND PENNSYLVANIA	617,902
NEW JERSEY	2,736,046
MARYLAND	1,292,644
VIRGINIA	6,350,309
NORTH CAROLINA	3,457,639
GEORGIA, FLORIDA AND ALABAMA	3,622,567
MISSISSIPPI	3,462,340
LOUISIANA	12,940,120
TEXAS, IOWA AND WISCONSIN	2,559,174
WASHINGTON	1,190,090
OREGON	680,626
CALIFORNIA	15,025,854
AMERICAN SAMOA AND ALASKA	274,759
PUERTO RICO	727,355
TOTAL	70,127,154

PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1968

AREA AND STATE	NUMBER
NEW ENGLAND:	
MAINE	12
MASSACHUSETTS	4
RHODE ISLAND	1
TOTAL	17
MIDDLE ATLANTIC:	
NEW YORK	3
NEW JERSEY	7
PENNSYLVANIA	1
TOTAL	11
CHESAPEAKE:	
MARYLAND	6
VIRGINIA	15
TOTAL	21
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	13
GEORGIA	1
FLORIDA	11
ALABAMA	2
(CONTINUED)	
SOUTH ATLANTIC AND GULF (CONTINUED):	
MISSISSIPPI	4
LOUISIANA	25
TEXAS	3
TOTAL	59
GREAT LAKES, WISCONSIN	2
MISSISSIPPI RIVER, IOWA	2
PACIFIC COAST:	
ALASKA	1
WASHINGTON	7
OREGON	5
CALIFORNIA	19
TOTAL	32
AMERICAN SAMOA	2
PUERTO RICO	3
GRAND TOTAL	149

NOTE:--LISTS OF MANUFACTURERS OF FISHERY INDUSTRIAL PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE U.S. DEPARTMENT OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE, STATISTICS AND MARKET NEWS DIVISION, 1801 N. MOORE STREET, ARLINGTON, VIRGINIA 22209.

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1968

PRODUCTS	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST 2/	TOTAL
	NUMBER	NUMBER	NUMBER
SCRAP AND MEAL, DRIED:			
ALEWIFE	4	-	4
ANCHOVY	-	7	7
CRAB	14	2	16
GROUNDFISH	3	-	3
HERRING, SEA	4	2	6
MENHADEN	29	-	29
SHRIMP	18	1	19
TUNA AND MACKEREL	1	12	13
WHALE	-	1	1
THREAD HERRING	6	-	6
UNCLASSIFIED	17	6	23
OIL:			
BODY:			
ALEWIFE	2	-	2
ANCHOVY	-	7	7
HERRING, SEA	4	1	5
GROUNDFISH	1	-	1
MENHADEN	29	-	29
SALMON	-	2	2
THREAD HERRING	5	-	5
TUNA AND MACKEREL	-	9	9
WHALE:			
SPERM	-	1	1
OTHER	-	1	1
UNCLASSIFIED	6	4	10
LIVER OILS	2	-	2
MUSSEL SHELL PRODUCTS (FRESH-WATER):			
BUTTONS	1	-	1
COLORED CHIPS AND DUST	1	-	1
OYSTER SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	8	2	10
SHELL LIME (BURNED AND UNBURNED)	8	2	10
MARINE PEARL SHELL BUTTONS	3	-	3
AGAR-AGAR	-	1	1
FISH SOLUBLES	27	5	32
IRISH MOSS EXTRACTS	2	-	2
KELP PRODUCTS	-	3	3
LIQUID FERTILIZER	-	2	2
PEARL ESSENCE	6	-	6
CRAB SHELLS (FOR DEVILED CRAB MEAT)	2	-	2
ANIMAL FEEDS	-	4	4
FISH FEED PELLETS	-	2	2
LEATHER PRODUCTS	2	-	2
FISH FINS	2	-	2
SEAWEED PRODUCTS	1	-	1
TOTAL, EXCLUSIVE OF DUPLICATION	104	45	149

1/ INCLUDES FIRMS IN THE MISSISSIPPI RIVER AND GREAT LAKES AREA.

2/ INCLUDES AMERICAN SAMOA AND PUERTO RICO.

PRODUCTION OF MARINE ANIMAL SCRAP AND MEAL, 1968

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
DRIED SCRAP AND MEAL:						
ALEWIFE	1/ 1,662	1/ $206,270	-	-	1,662	$206,270
ANCHOVY	-	-	2,762	$336,523	2,762	336,523
CRAB	2/ 7,605	2/ 398,155	-	-	7,605	398,155
HERRING, SEA	2/15,411	2/2,127,988	-	-	15,411	2,127,988
GROUNDFISH	7,249	973,530	-	-	7,249	973,530
MENHADEN	143,154	19,534,274	-	-	143,154	19,534,274
SHRIMP	2/ 493	2/ 21,678	-	-	493	21,678
THREAD HERRING	1,583	207,352	-	-	1,583	207,352
TUNA AND MACKEREL	-	-	3/28,781	3/2,955,047	28,781	2,955,047
WHALE	-	-	1,095	131,242	1,095	131,242
UNCLASSIFIED	22,825	3,094,669	2,516	274,600	25,341	3,369,269
TOTAL	199,982	26,563,916	35,154	3,697,412	235,136	30,261,328

1/ INCLUDES QUANTITIES PRODUCED IN THE GREAT LAKES. 2/ INCLUDES QUANTITIES PRODUCED ON THE PACIFIC COAST.
3/ INCLUDES QUANTITIES PRODUCED ON THE ATLANTIC COAST.

PRODUCTION OF MARINE ANIMAL OIL, 1968

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST AND PUERTO RICO		TOTAL	
	THOUSAND POUNDS	VALUE	THOUSAND POUNDS	VALUE	THOUSAND POUNDS	VALUE
BODY OIL:						
ANCHOVY	-	-	899	$32,304	899	$32,304
HERRING, SEA	1/ 9,533	1/$376,018	-	-	9,533	376,018
MENHADEN	152,020	6,247,396	-	-	152,020	6,247,396
THREAD HERRING	973	33,810	-	-	973	33,810
TUNA AND MACKEREL	-	-	4,549	162,741	4,549	162,741
WHALE:						
SPERM	-	-	965	45,687	965	45,687
OTHER	-	-	1,429	70,174	1,429	70,174
UNCLASSIFIED	2/ 3,116	2/ 332,076	588	26,485	3,704	358,561
TOTAL	165,642	6,989,300	8,430	337,391	174,072	7,326,691

1/ INCLUDES SMALL QUANTITIES PRODUCED ON THE PACIFIC COAST. 2/ INCLUDES LIVER OILS AND SMALL QUANTITIES PRODUCED IN THE GREAT LAKES AND MISSISSIPPI RIVER AREAS. NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

PRODUCTION OF FISH SOLUBLES, 1968

PRODUCT, STATE, AND NUMBER OF PLANTS	TONS	VALUE
FISH SOLUBLES:		
MASSACHUSETTS (1), RHODE ISLAND (1), AND OREGON (1)	4,726	$217,522
NEW JERSEY (2), NEW YORK (1), AND FLORIDA (3)	5,003	238,534
NORTH CAROLINA (3) AND VIRGINIA (3)	20,159	903,761
MISSISSIPPI (3)	7,996	457,160
LOUISIANA (9) AND TEXAS (1)	22,074	1,162,814
CALIFORNIA (4)	11,875	726,757
TOTAL (32)	71,833	3,706,548

NOTE:--INCLUDES MENHADEN SOLUBLES.

GENERAL REVIEW

PRODUCTION OF MENHADEN PRODUCTS, 1968

STATE AND NUMBER OF PLANTS	DRIED SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	VALUE	POUNDS	VALUE	TONS	VALUE	VALUE
NEW YORK (1), NEW JERSEY (2), AND FLORIDA (2)	10,084	$1,381,622	13,909,026	$485,308	4,119	$195,455	$2,062,385
VIRGINIA (4)	29,825	4,050,043	29,514,782	1,132,567	12,105	540,664	5,723,274
NORTH CAROLINA (7)	17,554	2,448,032	13,719,399	500,590	6,953	312,901	3,261,523
MISSISSIPPI (3).	16,083	2,248,460	18,745,119	690,720	7,996	457,160	3,396,340
LOUISIANA (9) AND TEXAS (1). .	69,608	9,406,117	76,131,815	3,438,211	22,074	1,162,814	14,007,142
TOTAL (29).	143,154	19,534,274	152,020,141	6,247,396	53,247	2,668,994	28,450,664

NOTE:--INCLUDES A SMALL QUANTITY OF OTHER SPECIES.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1968

("LIVE AND REEF SHELLS")

STATE AND NUMBER OF PLANTS	POULTRY GRIT		LIME, BURNED AND UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
PENNSYLVANIA (1), MARYLAND (1), VIRGINIA (2), AND FLORIDA (1) .	48,091	$877,968	21,378	$203,967	69,469	$1,081,935
ALABAMA (1), TEXAS (2), OREGON (1), AND CALIFORNIA (1)	137,082	2,226,621	33,247	263,931	170,329	2,490,552
TOTAL (10).	185,173	3,104,589	54,625	467,898	239,798	3,572,487

PRODUCTION OF MARINE PEARL SHELL BUTTONS, 1968 [1/]

STATE AND NUMBER OF PLANTS	BUTTONS	
	GROSS	VALUE
NEW JERSEY (3) AND PENNSYLVANIA (1)	453,219	$1,078,408

[1/] INCLUDES FRESH-WATER MUSSEL SHELL BUTTONS.

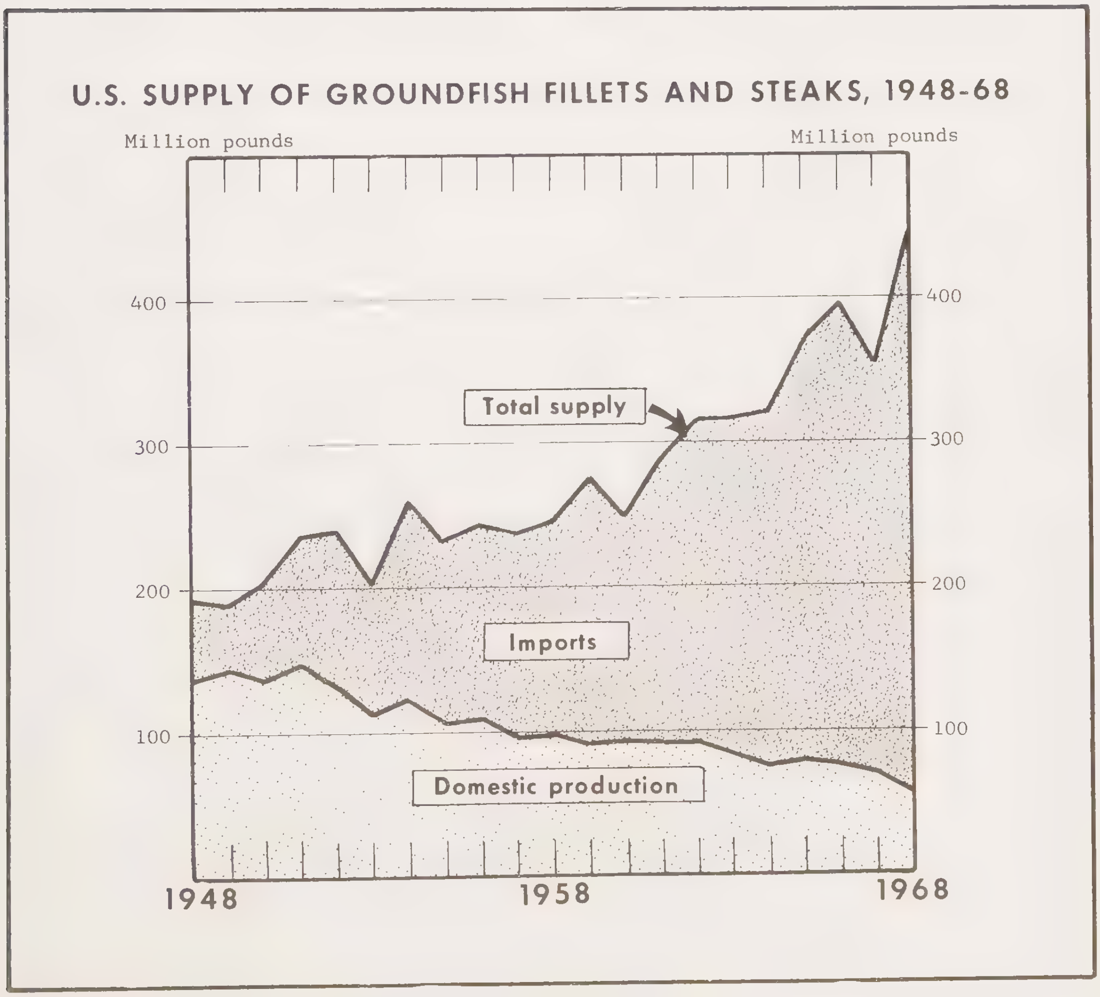
PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1968

PRODUCT	STATE AND NUMBER OF PLANTS	VALUE
AGAR-AGAR.	CALIFORNIA (1)	$24,181,692
ANIMAL FEEDS AND FISH FEED PELLETS	CALIFORNIA (4), WASHINGTON (1), AND OREGON (1)	
IRISH MOSS EXTRACTS.	MAINE (2)	
KELP PRODUCTS.	CALIFORNIA (3)	
LEATHER PRODUCTS	NEW JERSEY (1) AND FLORIDA (1)	
LIQUID FERTILIZER.	CALIFORNIA (1) AND OREGON (1)	
COLORED CHIPS.	IOWA (1)	
PEARL ESSENCE.	MAINE (6)	
CRAB SHELLS (FOR DEVILED CRAB MEAT)	ALABAMA (1) AND MISSISSIPPI (1)	
FISH FINS.	NEW JERSEY (1) AND FLORIDA (1)	
MUSSEL SHELL, DUST.	IOWA (1)	

PACKAGED FISHERY PRODUCTS, 1968

The production of fresh and frozen packaged fish fillets and steaks in the United States, excluding Alaska and Hawaii, was 135.5 million pounds worth $60.4 million--a decline of 17.5 million pounds and $4 million compared with 1967. Flounder fillets (43.4 million pounds), haddock fillets (22.4 million), Atlantic ocean perch fillets (15.6 million), and cod fillets (14 million pounds) were the leading items. They accounted for 70 percent of the volume and 68 percent of the value. Rockfish fillets, halibut steaks, and Pacific ocean perch fillets were among other important leading items. The New England area continued to lead all other areas in the production of packaged fish with 62 percent of the volume and 57 percent of the value.

Data on the production of packaged fish during 1968 have been published previously in Current Fishery Statistics No. 4951.



SUMMARY OF PRODUCTION OF PACKAGED FISH, 1968

ITEM	FILLETS		STEAKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH.	82,097,256	$38,645,255	1,149,219	$702,482	83,246,475	$39,347,737
FROZEN	44,062,685	15,711,280	8,202,588	5,308,935	52,265,273	21,020,215
TOTAL	126,159,941	54,356,535	9,351,807	6,011,417	135,511,748	60,367,952

PRODUCTION OF FRESH AND FROZEN PACKAGED FISH, BY SECTIONS, 1968

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE SOUTH ATLANTIC AND GULF	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD.	9,785,339	$3,553,597	2,278,060	$1,219,147	-	-
CUSK	511,181	181,063	-	-	-	-
FLOUNDERS.	28,941,455	13,173,208	3,412,195	2,309,207	369,670	$209,779
GROUPERS	-	-	-	-	477,505	331,641
HADDOCK.	22,011,041	10,985,564	339,600	176,546	-	-
HAKE	152,746	46,173	4,500	1,625	-	-
HALIBUT.	741,961	428,471	-	-	-	-
KING MACKEREL.	-	-	-	-	240,970	144,835
OCEAN PERCH, ATLANTIC.	15,555,793	3,952,681	-	-	-	-
POLLOCK.	2,819,318	776,260	-	-	-	-
SALMON	77,935	71,763	-	-	-	-
SHAD	31,815	63,947	-	-	-	-
SNAPPER, RED	-	-	-	-	433,099	464,410
SPANISH MACKEREL . . .	-	-	-	-	1,866,002	871,832
SWORDFISH.	976,095	767,878	-	-	-	-
WHITING.	2,089,814	520,197	-	-	-	-
WOLFFISH	171,553	65,671	-	-	-	-
UNCLASSIFIED	3,800	1,430	11,000	3,940	668,750	295,912
TOTAL	83,869,846	34,587,903	6,045,355	3,710,465	4,055,996	2,318,409

SPECIES	GREAT LAKES AND MISSISSIPPI RIVER		PACIFIC COAST	
	POUNDS	VALUE	POUNDS	VALUE
CARP	1,551,600	$338,581	-	-
CATFISH.	133,000	100,500	-	-
COD.	-	-	1,891,208	$565,266
FLOUNDERS.	-	-	10,660,769	4,785,786
HALIBUT.	-	-	5,398,546	3,033,700
HERRING, LAKE.	29,900	15,504	-	-
LAKE TROUT	171,400	175,031	-	-
LINGCOD.	-	-	2,690,772	810,406
OCEAN PERCH, PACIFIC .	-	-	3,671,211	1,120,375
PERCH, PACIFIC	-	-	387,614	145,945
PIKE OR PICKEREL . . .	31,500	19,718	-	-
ROCKFISHES	-	-	6,585,746	2,034,482
SABLEFISH.	-	-	93,660	23,148
SALMON	-	-	1,980,801	1,688,696
SAUGER	320,700	340,330	-	-
SEA BASS	-	-	267,457	163,630
SWORDFISH.	-	-	1,014,005	788,307
WHITEFISH.	686,800	632,533	-	-
YELLOW PERCH	2,948,930	1,930,527	-	-
YELLOW PIKE.	646,300	629,374	-	-
UNCLASSIFIED	315,200	389,105	63,432	20,231
TOTAL	6,835,330	4,571,203	34,705,221	15,179,972

PRODUCTION OF PACKAGED FISH, BY METHOD OF PREPARATION, 1968

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
CARP	1,551,600	$338,581	-	-
CATFISH	133,000	100,500	-	-
COD	9,318,445	3,911,459	4,353,872	$1,355,961
CUSK	511,181	181,063	-	-
FLOUNDERS	35,310,186	17,102,319	8,073,903	3,375,661
GROUPERS	183,383	120,530	244,109	178,481
HADDOCK	18,825,465	9,701,195	3,525,176	1,460,915
HAKE	157,246	47,798	-	-
HALIBUT	68,211	38,427	834,813	534,396
HERRING, LAKE	29,900	15,504	-	-
LAKE TROUT	149,400	155,079	22,000	19,952
LINGCOD	1,768,629	524,706	922,143	285,700
OCEAN PERCH:				
ATLANTIC	832,550	220,117	14,723,243	3,732,564
PACIFIC	1,964,705	585,035	1,706,506	535,340
PERCH, PACIFIC	387,614	145,945	-	-
PIKE OR PICKEREL	31,500	19,718	-	-
POLLOCK	1,431,651	451,723	1,387,667	324,537
ROCKFISHES	4,632,055	1,375,871	1,953,691	658,611
SABLEFISH	93,660	23,148	-	-
SALMON	-	-	631,559	518,746
SAUGER	295,500	327,625	25,200	12,705
SEA BASS	-	-	267,457	163,630
SHAD	31,815	63,947	-	-
SNAPPER, RED	57,652	55,224	375,447	409,186
SPANISH MACKEREL	-	-	1,866,002	871,832
WHITEFISH	610,200	584,267	76,600	48,266
WHITING	-	-	2,089,814	520,197
WOLFFISH	-	-	171,553	65,671
YELLOW PERCH	2,504,760	1,631,322	444,170	299,205
YELLOW PIKE	425,600	425,184	220,700	204,190
UNCLASSIFIED	791,348	498,968	147,060	135,534
TOTAL	82,097,256	38,645,255	44,062,685	15,711,280

SPECIES	STEAKS, FRESH OR FROZEN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	1,551,600	$338,581
CATFISH	-	-	133,000	100,500
COD	282,290	$70,590	13,954,607	5,338,010
CUSK	-	-	511,181	181,063
FLOUNDERS	-	-	43,384,089	20,477,980
GROUPERS	50,013	32,630	477,505	331,641
HADDOCK	-	-	22,350,641	11,162,110
HAKE	-	-	157,246	47,798
HALIBUT	5,237,483	2,889,348	6,140,507	3,462,171
HERRING, LAKE	-	-	29,900	15,504
KING MACKEREL	240,970	144,835	240,970	144,835
LAKE TROUT	-	-	171,400	175,031
LINGCOD	-	-	2,690,772	810,406
OCEAN PERCH:				
ATLANTIC	-	-	15,555,793	3,952,681
PACIFIC	-	-	3,671,211	1,120,375
PERCH, PACIFIC	-	-	387,614	145,945
PIKE OR PICKEREL	-	-	31,500	19,718
POLLOCK	-	-	2,819,318	776,260
ROCKFISHES	-	-	6,585,746	2,034,482
SABLEFISH	-	-	93,660	23,148
SALMON	1,427,177	1,241,713	2,058,736	1,760,459
SAUGER	-	-	320,700	340,330
SEA BASS	-	-	267,457	163,630
SHAD	-	-	31,815	63,947
SNAPPER, RED	-	-	433,099	464,410
SPANISH MACKEREL	-	-	1,866,002	871,832
SWORDFISH	1,990,100	1,556,185	1,990,100	1,556,185
WHITEFISH	-	-	686,800	632,533
WHITING	-	-	2,089,814	520,197
WOLFFISH	-	-	171,553	65,671
YELLOW PERCH	-	-	2,948,930	1,930,527
YELLOW PIKE	-	-	646,300	629,374
UNCLASSIFIED	123,774	76,116	1,062,182	710,618
TOTAL	9,351,807	6,011,417	135,511,748	60,367,952

GENERAL REVIEW

PRODUCTION OF FISH STICKS, 1968

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	7,481	577	8,058
FEBRUARY	6,824	700	7,524
MARCH	7,738	850	8,588
APRIL	7,451	411	7,862
MAY	6,876	376	7,252
JUNE	6,684	243	6,927
JULY	5,598	327	5,925
AUGUST	7,053	351	7,404
SEPTEMBER	7,433	383	7,816
OCTOBER	8,228	449	8,677
NOVEMBER	7,553	303	7,856
DECEMBER	7,521	285	7,806
TOTAL	86,440	5,255	91,695
	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS
TOTAL VALUE-YEAR	39,370	2,084	41,454

NOTE:--A FISH STICK, GENERALLY CUT FROM A BLOCK OF FILLETS, IS AN ELONGATED PIECE OF BREADED FISH FLESH WEIGHING NOT LESS THAN 3/4 OF AN OUNCE AND NOT MORE THAN 1-1/4 OUNCES WITH THE LARGEST DIMENSION AT LEAST THREE TIMES THAT OF THE NEXT LARGEST DIMENSION.

PRODUCTION OF FISH PORTIONS, 1968

MONTH				UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	4,470	8,988	13,458	759	27,675
FEBRUARY	4,967	8,587	13,554	529	27,637
MARCH	4,780	11,144	15,924	559	32,407
APRIL	4,674	11,279	15,953	514	32,420
MAY	2,071	11,705	13,776	487	28,039
JUNE	2,039	12,047	14,086	384	28,556
JULY	2,607	8,810	11,417	364	23,198
AUGUST	6,326	10,044	16,370	566	33,306
SEPTEMBER	5,157	10,249	15,406	670	31,482
OCTOBER	5,946	12,985	18,931	649	38,511
NOVEMBER	5,584	9,253	14,837	422	30,096
DECEMBER	3,898	8,759	12,657	499	25,813
TOTAL	52,519	123,850	176,369	6,402	359,140
	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS
TOTAL VALUE-YEAR	20,903	45,360	66,263	2,357	134,883

NOTE:-- A FISH PORTION, GENERALLY CUT FROM A BLOCK OF FILLETS, IS A PIECE OF FISH FLESH GENERALLY OF UNIFORM SIZE WITH A THICKNESS OF 3/8 OF AN INCH OR MORE, AND WHICH DOES NOT CONFORM TO THE DEFINITION OF A FISH STICK.

GENERAL REVIEW

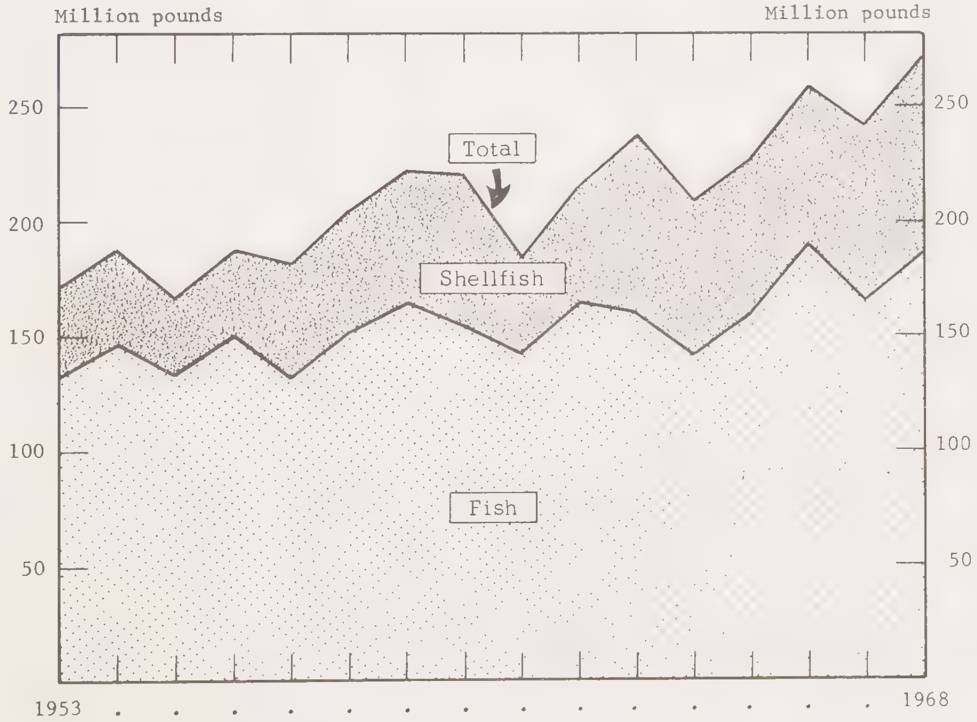
FROZEN FISHERY TRADE

The 1968 production of frozen fish and shellfish by firms reporting to the Bureau of Commercial Fisheries was 368.4 million pounds. Leading products frozen were shrimp (127 million pounds); bait and animal food (62.2); fillets and steaks consisting principally of ocean perch, haddock, and flounder (32.6); whiting, headed and gutted (32.1); and salmon (27.2 million pounds). An estimated 561.2 million pounds of fish and shellfish (live weight) were required to produce the 368.4 million pounds of frozen fishery items. Not included were freezings by cold storage plants not reporting to the Bureau and a considerable volume of frozen fillets and steaks produced by firms operating plate freezers at the end of fillet production lines.

New England led all other areas in freezings with 126.2 million pounds (34 percent of the total), followed by South Central with 104.4 million; Pacific, 53.8 million; South Atlantic, 45.6 million; and Alaska, 33.7 million pounds. The Middle Atlantic, North Central East, and North Central West accounted for the remainder.

Information on the freezings and holdings of fishery products for 1968 by firms supplying monthly data on their operations and a list of these firms were published previously in Current Fishery Statistics No. 4940. Data on freezings and holdings were also published in the preliminary monthly bulletin, Frozen Fish Report, and in the final monthly report, Frozen Fishery Products, which are also in the Current Fishery Statistics series.

HOLDINGS OF FROZEN FISHERY PRODUCTS ON DECEMBER 31, 1953-68



Excludes animal food and bait.

GENERAL REVIEW

SUMMARY OF FREEZINGS, BY MONTHS, 1968

(THOUSANDS OF POUNDS)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	204	[illegible]	[illegible]	[illegible]	[illegible]	398
FILLETS AND STEAKS:						
COD	[illegible]	[illegible]	64	[illegible]	[illegible]	[illegible]
FLOUNDER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HADDOCK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	501
HALIBUT	-	-	-	14	[illegible]	416
OCEAN PERCH	[illegible]	1,449	[illegible]	[illegible]	[illegible]	[illegible]
POLLOCK	[illegible]	[illegible]	[illegible]	[illegible]	13	7
WHITING	11	-	4	-	25	75
UNCLASSIFIED	[illegible]	174	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL FILLETS AND STEAKS	1,139	2,090	[illegible]	[illegible]	[illegible]	3,523
TOTAL BLOCKS, FILLETS, AND STEAKS	1,343	2,326	[illegible]	[illegible]	[illegible]	3,921
ROUND, DRESSED, ETC.:						
HALIBUT	-	-	-	[illegible]	[illegible]	[illegible]
MACKEREL (EXCEPT SPANISH)	21	40	[illegible]	[illegible]	[illegible]	719
SABLEFISH	59	[illegible]	40	[illegible]	[illegible]	[illegible]
SALMON:						
CHINOOK OR KING	6	1	[illegible]	[illegible]	[illegible]	1,454
SILVER OR COHO	74	1	-	-	1	[illegible]
CHUM OR KETA	20	[illegible]	-	-	-	83
OTHER	17	-	-	-	-	[illegible]
TOTAL SALMON	[illegible]	5	2	[illegible]	[illegible]	[illegible]
SMELT	-	-	[illegible]	11	6	10
SWORDFISH	-	-	-	[illegible]	-	4
WHITING, HEADED AND GUTTED	17	-	[illegible]	40	[illegible]	3,099
OTHER (EXCEPT BAIT)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,234
TOTAL SALT-WATER FISH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6,499
FRESH-WATER:						
FILLETS AND STEAKS	[illegible]	-	-	-	-	-
ROUND, DRESSED, ETC.:						
CHUBS	-	-	-	35	1	2
TROUT	[illegible]	[illegible]	[illegible]	79	[illegible]	78
WHITEFISH	-	-	-	-	-	1
OTHER (EXCEPT BAIT)	37	-	3	-	[illegible]	5
TOTAL FRESH-WATER FISH	[illegible]	57	[illegible]	116	94	[illegible]
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5,775
SHELLFISH						
CRABS (INCLUDING CRAB MEAT)	[illegible]	869	[illegible]	254	[illegible]	209
SPINY LOBSTER (TAILS)	10	54	[illegible]	16	[illegible]	[illegible]
OYSTER MEATS	97	153	198	213	[illegible]	130
SCALLOP MEATS	22	37	[illegible]	[illegible]	[illegible]	[illegible]
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	1,920	2,196	[illegible]	2,028	2,216	2,913
ALL OTHER (INCLUDING BREADED)	[illegible]	5,997	[illegible]	6,106	[illegible]	5,332
TOTAL SHRIMP	[illegible]	8,193	8,974	[illegible]	[illegible]	8,245
SQUID	[illegible]	70	[illegible]	[illegible]	[illegible]	316
OTHER	74	149	[illegible]	[illegible]	[illegible]	277
TOTAL SHELLFISH	8,871	9,545	[illegible]	9,227	[illegible]	9,278
TOTAL FISH AND SHELLFISH	16,434	17,219	[illegible]	21,513	[illegible]	31,635

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY MONTHS, 1968 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	780	343	217	244	170	31	3,472
FILLETS AND STEAKS:							
COD.	148	158	81	109	52	37	1,698
FLOUNDER	448	565	331	450	215	165	3,760
HADDOCK.	524	377	318	399	246	95	4,386
HALIBUT.	242	138	129	171	16	-	1,218
OCEAN PERCH.	2,293	1,907	1,761	1,523	436	789	16,540
POLLOCK.	22	17	93	151	371	163	1,119
SALMON	-	-	-	-	5	-	5
WHITING.	230	242	132	124	4	-	850
UNCLASSIFIED	324	374	266	224	171	110	3,033
TOTAL FILLETS AND STEAKS .	4,231	3,778	3,111	3,151	1,516	1,359	32,609
TOTAL BLOCKS, FILLETS, AND STEAKS.	5,011	4,121	3,328	3,395	1,686	1,390	36,081
ROUND, DRESSED, ETC.:							
HALIBUT.	2,938	3,155	2,066	1,540	397	-	19,055
MACKEREL (EXCEPT SPANISH). .	563	45	68	115	103	66	2,123
SABLEFISH.	8	47	64	224	99	-	737
SALMON:							
CHINOOK OR KING.	1,545	1,061	456	203	263	42	5,721
SILVER OR COHO	2,553	3,066	2,203	1,769	1,006	96	11,256
CHUM OR KETA	1,174	1,068	690	1,324	1,647	67	6,076
OTHER.	1,698	1,941	129	35	10	-	4,133
TOTAL SALMON	6,970	7,136	3,478	3,331	2,926	205	27,186
SMELT.	30	12	1	10	8	9	159
SWORDFISH.	9	25	77	77	6	10	210
TUNA	65	927	977	140	12	-	2,121
WHITING, HEADED AND GUTTED .	12,054	10,746	3,721	2,002	15	25	32,097
OTHER (EXCEPT BAIT).	2,440	3,150	4,221	6,509	4,786	4,423	42,501
TOTAL SALT-WATER FISH. . .	30,088	29,364	18,001	17,343	10,038	6,128	162,270
FRESH-WATER:							
FILLETS AND STEAKS	-	-	-	-	-	-	4
ROUND, DRESSED, ETC.:							
CHUBS.	4	10	4	3	-	1	71
TROUT.	85	91	75	94	94	68	896
WHITEFISH.	1	-	-	-	-	1	3
OTHER (EXCEPT BAIT).	3	7	5	31	-	-	92
TOTAL FRESH-WATER FISH . .	93	108	84	128	94	70	1,066
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER).	7,722	7,886	5,171	3,392	3,944	2,986	62,195
SHELLFISH							
CRABS (INCLUDING CRAB MEAT). . .	253	695	640	467	405	1,050	6,692
SPINY LOBSTER (TAILS).	17	64	40	58	26	47	512
OYSTER MEATS	3	4	17	17	209	235	1,518
SCALLOP MEATS.	193	119	141	133	192	113	1,424
SHRIMP:							
RAW (HEADLESS, SHELL-ON) . . .	5,776	5,561	5,183	6,868	5,580	3,139	45,471
ALL OTHER (INCLUDING BREADED).	6,125	7,208	8,222	9,321	8,266	7,204	81,560
TOTAL SHRIMP	11,901	12,769	13,405	16,189	13,846	10,343	127,031
SQUID.	314	357	209	106	52	181	2,644
OTHER.	173	172	97	841	260	274	3,075
TOTAL SHELLFISH. . . .	12,854	14,180	14,549	17,811	14,990	12,243	142,896
TOTAL FISH AND SHELLFISH . .	50,757	51,538	37,805	38,674	29,066	21,427	368,427

NOTE:--PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS REPORT.

SUMMARY OF FREEZINGS, BY SECTIONS, 1968

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:					
BLOCKS	3,024	-	-	-	-
FILLETS AND STEAKS:					
COD	1,462	9	-	-	-
FLOUNDER	3,247	-	33	-	-
HADDOCK	4,384	2	-	-	-
HALIBUT	77	-	-	-	-
OCEAN PERCH	15,728	-	-	-	-
POLLOCK	1,119	-	-	-	-
WHITING	850	-	-	-	-
UNCLASSIFIED	988	1	1,265	-	-
TOTAL FILLETS AND STEAKS	27,855	12	1,298	-	-
TOTAL BLOCKS, FILLETS, AND STEAKS	30,879	12	1,298	-	-
ROUND, DRESSED, ETC.:					
MACKEREL (EXCEPT SPANISH)	1,465	139	-	-	-
SMELT	70	4	-	-	-
SWORDFISH	188	8	-	-	-
TUNA	280	-	-	-	-
WHITING, HEADED AND GUTTED	32,083	14	-	-	-
OTHER (EXCEPT BAIT)	29,681	1,597	7,389	-	-
TOTAL SALT-WATER FISH	94,646	1,774	8,687	-	-
FRESH-WATER:					
FILLETS AND STEAKS	-	-	-	4	-
ROUND, DRESSED, ETC.:					
CHUBS	-	-	-	71	-
TROUT	-	-	-	15	-
WHITEFISH	-	-	-	3	-
OTHER (EXCEPT BAIT)	39	-	3	6	41
TOTAL FRESH-WATER FISH	39	-	3	99	41
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	27,174	558	1,082	1,123	-
SHELLFISH					
CRABS (INCLUDING CRAB MEAT)	31	-	46	-	-
SPINY LOBSTER (TAILS)	40	-	464	-	-
OYSTER MEATS	-	-	1,236	-	-
SCALLOP MEATS	838	122	378	-	-
SHRIMP:					
RAW (HEADLESS, SHELL-ON)	1,249	15	3,653	-	-
ALL OTHER (INCLUDING BREADED)	560		29,238	-	-
TOTAL SHRIMP	1,809	15	32,891	-	-
SQUID	527	164	29	-	-
OTHER	1,083	976	739	-	-
TOTAL SHELLFISH	4,328	1,277	35,783	-	-
TOTAL FISH AND SHELLFISH	126,187	3,609	45,555	1,222	41

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:

NEW ENGLAND--MAINE, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT, AND NEW HAMPSHIRE.
MIDDLE ATLANTIC--NEW YORK, NEW JERSEY, AND PENNSYLVANIA.
SOUTH ATLANTIC--MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, NORTH CAROLINA, GEORGIA, AND FLORIDA.
NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, KANSAS, NEBRASKA, AND NORTH DAKOTA.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY SECTIONS, 1968 - Continued

(THOUSANDS OF POUNDS)

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:				
BLOCKS	-	431	17	3,472
FILLETS AND STEAKS:				
COD	2	225	-	1,698
FLOUNDER	33	447	-	3,760
HADDOCK	-	-	-	4,386
HALIBUT	-	117	1,204	1,218
OCEAN PERCH	-	812	-	16,540
POLLOCK	-	-	-	1,119
SALMON	-	5	-	5
WHITING	-	-	-	850
UNCLASSIFIED	19	760	-	3,033
TOTAL FILLETS AND STEAKS	54	2,366	1,024	32,609
TOTAL BLOCKS, FILLETS, AND STEAKS	54	2,797	1,041	36,081
ROUND, DRESSED, ETC.:				
HALIBUT	-	7,695	11,360	19,055
MACKEREL (EXCEPT SPANISH)	-	519	-	2,123
SABLEFISH	-	511	226	737
SALMON:				
CHINOOK OR KING	-	2,323	3,398	5,721
SILVER OR COHO	-	6,449	4,807	11,256
CHUM OR KETA	-	3,459	2,617	6,076
OTHER	-	157	3,976	4,133
TOTAL SALMON	-	12,388	14,798	27,186
SMELT	-	85	-	159
SWORDFISH	-	14	-	210
TUNA	-	1,841	-	2,121
WHITING, HEADED AND GUTTED	-	-	-	32,097
OTHER (EXCEPT BAIT)	708	3,105	21	42,501
TOTAL SALT-WATER FISH	762	28,955	27,446	162,270
FRESH-WATER:				
FILLETS AND STEAKS	-	-	-	4
ROUND, DRESSED, ETC.:				
CHUBS	-	-	-	71
TROUT	-	881	-	896
WHITEFISH	-	-	-	3
OTHER (EXCEPT BAIT)	1	2	-	92
TOTAL FRESH-WATER FISH	1	883	-	1,066
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	11,729	19,486	1,043	62,195
SHELLFISH				
CRABS (INCLUDING CRAB MEAT)	43	1,849	4,723	6,692
SPINY LOBSTER (TAILS)	5	3	-	512
OYSTER MEATS	31	201	50	1,518
SCALLOP MEATS	8	31	47	1,424
SHRIMP:				
RAW (HEADLESS, SHELL-ON)	40,197	183	174	45,471
ALL OTHER (INCLUDING BREADED)	51,466	153	143	81,560
TOTAL SHRIMP	91,663	336	317	127,031
SQUID	118	1,806	-	2,644
OTHER	3	243	31	3,075
TOTAL SHELLFISH	91,871	4,469	5,168	142,896
TOTAL FISH AND SHELLFISH	104,363	53,793	33,657	368,427

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:

SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, AND TEXAS.
PACIFIC--WASHINGTON, OREGON, CALIFORNIA, UTAH, COLORADO, IDAHO, AND ARIZONA.
ALASKA.

PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS TABLE.

SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1968

(THOUSANDS OF POUNDS)

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY	4,556	137	2,587	2	30
FEBRUARY	5,165	101	2,610	-	-
MARCH	8,085	42	3,145	-	2
APRIL	8,310	299	3,630	39	-
MAY	11,182	711	3,132	45	-
JUNE	12,354	304	2,182	379	1
JULY	23,270	92	2,616	609	1
AUGUST	20,577	51	3,326	16	6
SEPTEMBER	11,222	254	4,878	9	1
OCTOBER	10,638	1,191	5,891	71	-
NOVEMBER	5,742	351	6,152	50	-
DECEMBER	5,086	76	5,406	2	-
TOTAL	126,187	3,609	45,555	1,222	41

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY	6,610	1,863	649	16,434
FEBRUARY	6,590	2,188	565	17,219
MARCH	6,921	2,276	847	21,318
APRIL	6,252	2,109	874	21,513
MAY	5,973	6,358	3,637	31,038
JUNE	7,736	3,997	4,685	31,638
JULY	11,079	5,818	7,272	50,757
AUGUST	11,634	7,797	8,131	51,538
SEPTEMBER	10,873	6,390	4,178	37,805
OCTOBER	12,356	6,596	1,931	38,674
NOVEMBER	10,795	5,500	476	29,066
DECEMBER	7,544	2,901	412	21,427
TOTAL	104,363	53,793	33,657	368,427

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 78 AND 79.

FROZEN FOODS

COLD STORAGE HOLDINGS OF FROZEN FISHERY PRODUCTS, 1968

Monthly average holdings of salted and smoked fish were 9.3 million pounds. Cured herring (7.2 million pounds) and mild-cured salmon (1.3 million pounds) accounted for 78 percent of the average cold storage inventories of cured fish.

GENERAL REVIEW

SUMMARY OF HOLDINGS, BY MONTHS, 1968

(THOUSANDS OF POUNDS)

SPECIES	JANUARY 31	FEBRUARY 29	MARCH 31	APRIL 30	MAY 31	JUNE 30
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	28,820	25,866	22,010	26,790	27,000	27,530
FILLETS AND STEAKS:						
COD	6,056	4,645	3,744	4,486	5,225	5,343
FLOUNDER	9,051	8,245	6,542	5,701	5,851	5,940
HADDOCK	5,391	4,094	2,983	3,571	3,812	3,954
HALIBUT	3,731	2,753	2,288	1,897	1,560	2,908
OCEAN PERCH	16,396	12,362	7,280	5,532	3,541	3,571
POLLOCK	760	542	607	530	549	563
SALMON	435	382	391	401	370	204
WHITING	1,439	1,235	893	747	671	553
UNCLASSIFIED	[illegible]	6,257	4,616	[illegible]	5,237	4,250
TOTAL FILLETS AND STEAKS	[illegible]	40,515	29,344	26,516	26,816	27,286
TOTAL BLOCKS, FILLETS, AND STEAKS	[illegible]	66,381	51,354	53,306	53,816	54,816
FISH STICKS AND PORTIONS (RAW AND COOKED)	[illegible]	12,354	12,016	[illegible]	[illegible]	16,433
ROUND, DRESSED, ETC.:						
HALIBUT	[illegible]	[illegible]	6,281	[illegible]	10,130	10,497
MACKEREL (EXCEPT SPANISH)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,063
SABLEFISH	[illegible]	[illegible]	[illegible]	3,164	2,001	1,617
SALMON:						
CHINOOK OR KING	[illegible]	[illegible]	2,672	[illegible]	2,219	3,126
SILVER OR COHO	[illegible]	1,343	[illegible]	666	626	1,052
CHUM OR KETA	[illegible]	[illegible]	757	491	567	510
OTHER	1,394	[illegible]	1,034	1,053	805	1,409
TOTAL SALMON	[illegible]	[illegible]	5,534	4,349	[illegible]	6,097
SMELT	[illegible]	[illegible]	663	596	536	[illegible]
SWORDFISH	[illegible]	[illegible]	[illegible]	744	767	664
TUNA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHITING, HEADED AND GUTTED	[illegible]	[illegible]	[illegible]	[illegible]	1,503	[illegible]
OTHER (EXCEPT BAIT)	[illegible]	[illegible]	[illegible]	[illegible]	11,049	6,979
TOTAL SALT-WATER FISH	135,981	115,858	[illegible]	[illegible]	100,409	106,398
FRESH-WATER:						
FILLETS AND STEAKS	1,203	[illegible]	1,008	1,083	791	922
ROUND, DRESSED, ETC.:						
CHUBS	1,455	[illegible]	[illegible]	880	831	686
TROUT	1,765	1,688	1,676	1,722	1,391	1,613
WHITEFISH	1,021	1,068	[illegible]	1,116	600	668
OTHER (EXCEPT BAIT)	[illegible]	[illegible]	1,535	1,556	[illegible]	[illegible]
TOTAL FRESH-WATER FISH	[illegible]	[illegible]	6,152	[illegible]	[illegible]	[illegible]
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	11,426	11,721	14,695	17,385	21,097	21,388
SHELLFISH						
CRABS (INCLUDING CRAB MEAT)	3,442	3,434	4,262	4,490	3,784	2,904
SPINY LOBSTER (TAILS)	3,688	4,321	4,819	4,985	4,864	5,387
OYSTER MEATS	1,025	996	985	904	1,358	1,520
SCALLOP MEATS	1,068	982	930	1,052	1,361	1,592
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	39,074	34,790	28,447	26,610	23,755	23,768
ALL OTHER (INCLUDING BREADED)	20,818	19,859	17,924	16,493	16,172	15,073
TOTAL SHRIMP	59,892	54,649	46,371	43,103	39,927	38,841
SQUID	1,975	[illegible]	1,309	1,190	[illegible]	[illegible]
OTHER	1,320	1,539	1,541	2,332	[illegible]	2,099
TOTAL SHELLFISH	72,310	67,323	60,217	58,056	54,775	54,316
TOTAL FISH AND SHELLFISH	227,259	201,429	173,199	175,773	181,436	187,909
CURED FISH						
HERRING, SALTED	7,649	7,666	8,438	8,285	9,257	7,726
SALMON, MILD-CURED	1,665	1,456	1,288	996	774	627
OTHER SALTED	667	283	329	316	264	252
SMOKED FISH	434	398	365	410	420	389
TOTAL CURED FISH	10,415	9,803	10,420	10,007	[illegible]	[illegible]

(CONTINUED ON NEXT PAGE)

SUMMARY OF HOLDINGS, BY MONTHS, 1968 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	39,889	40,889	41,313	44,115	43,426	44,416
FILLETS AND STEAKS:						
COD.	6,555	6,088	5,900	6,396	6,706	7,595
FLOUNDER	7,121	7,243	7,115	7,019	6,668	7,839
HADDOCK.	5,309	5,168	6,302	6,115	4,978	4,808
HALIBUT.	2,699	2,630	2,728	2,653	3,514	2,715
OCEAN PERCH.	6,594	9,464	12,415	16,984	18,436	19,651
POLLOCK.	604	684	653	689	966	942
SALMON	671	330	444	658	765	492
WHITING.	653	845	1,117	1,137	994	855
UNCLASSIFIED	4,776	5,388	5,934	6,333	6,443	6,605
TOTAL FILLETS AND STEAKS . . .	34,982	37,840	42,608	47,984	49,470	51,502
TOTAL BLOCKS, FILLETS, AND STEAKS.	74,871	78,729	83,921	92,099	92,896	95,918
FISH STICKS AND PORTIONS (RAW AND COOKED)	20,511	20,613	20,649	21,041	21,147	23,994
ROUND, DRESSED, ETC.:						
HALIBUT.	12,434	14,260	13,763	12,714	10,717	9,914
MACKEREL (EXCEPT SPANISH). . . .	1,046	700	555	699	575	548
SABLEFISH.	1,708	1,668	1,598	1,442	1,093	1,421
SALMON:						
CHINOOK OR KING.	4,876	6,389	5,577	6,361	5,482	5,204
SILVER OR COHO	3,241	5,757	7,789	6,760	5,916	5,105
CHUM OR KETA	1,404	2,347	4,140	3,375	3,747	3,546
OTHER.	3,263	3,807	3,798	4,431	3,914	2,973
TOTAL SALMON	12,784	18,300	21,304	20,927	19,059	16,828
SMELT.	893	881	776	898	915	782
SWORDFISH.	692	904	1,020	1,727	2,131	2,413
TUNA	256	1,307	1,943	2,303	1,858	1,803
WHITING, HEADED AND GUTTED . . .	11,352	17,444	18,494	17,685	14,956	12,846
OTHER (EXCEPT BAIT).	8,975	12,304	13,100	12,907	13,867	11,629
TOTAL SALT-WATER FISH.	145,522	167,110	177,123	184,442	179,214	178,096
FRESH-WATER:						
FILLETS AND STEAKS	995	1,164	1,190	1,267	1,644	1,460
ROUND, DRESSED, ETC.:						
CHUBS.	861	958	1,130	1,295	1,126	861
TROUT.	1,690	1,681	1,868	1,847	2,097	2,081
WHITEFISH.	861	1,196	1,237	1,578	1,326	1,345
OTHER (EXCEPT BAIT).	2,108	2,284	2,692	2,468	2,594	2,592
TOTAL FRESH-WATER FISH	6,515	7,273	8,117	8,455	8,787	8,339
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER).	24,854	24,354	23,462	19,666	13,940	14,217
SHELLFISH						
CRABS (INCLUDING CRAB MEAT).	3,275	3,679	4,511	6,203	6,415	8,342
SPINY LOBSTER (TAILS).	5,278	5,340	5,389	5,009	5,097	5,210
OYSTER MEATS	1,918	2,002	1,858	1,946	1,895	1,772
SCALLOP MEATS.	2,187	2,423	2,674	3,007	3,186	3,130
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	24,804	24,807	30,015	35,011	42,727	41,439
ALL OTHER (INCLUDING BREADED). . .	15,022	14,790	15,185	18,880	19,875	19,127
TOTAL SHRIMP	39,826	39,597	45,200	53,891	62,602	60,566
SQUID.	2,567	3,076	3,214	2,614	2,290	1,660
OTHER.	2,783	2,690	3,043	2,779	3,251	3,229
TOTAL SHELLFISH.	57,834	58,807	65,889	75,449	84,736	83,909
TOTAL FISH AND SHELLFISH	234,725	257,544	274,591	288,012	286,677	284,561
CURED FISH						
HERRING, SALTED.	7,507	6,966	6,864	5,825	5,402	4,782
SALMON, MILD-CURED	845	1,616	1,627	1,019	1,656	1,562
OTHER SALTED	355	691	316	216	379	273
SMOKED FISH.	477	501	558	495	580	591
TOTAL CURED FISH	9,184	9,774	9,365	7,555	8,017	7,208

SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1968

(THOUSANDS OF POUNDS)

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31	72,498	35,398	15,494	22,559	8,160
FEBRUARY 29	64,070	34,055	12,227	17,463	8,570
MARCH 31	53,224	27,686	11,049	15,560	7,016
APRIL 30	58,432	32,257	11,966	16,030	5,410
MAY 31	63,338	28,066	13,284	15,408	5,233
JUNE 30	70,501	28,709	10,573	13,442	5,405
JULY 31	98,588	29,142	10,400	15,456	5,881
AUGUST 31	109,659	27,798	10,899	16,646	5,954
SEPTEMBER 30	110,911	31,723	13,274	17,280	6,386
OCTOBER 31	113,478	34,608	15,105	18,117	7,459
NOVEMBER 30	110,805	39,778	18,273	18,021	6,964
DECEMBER 31	113,745	37,501	18,750	16,544	5,990

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31	24,398	41,267	7,485	227,259
FEBRUARY 29	21,846	38,313	4,885	201,429
MARCH 31	17,291	36,506	4,237	173,199
APRIL 30	15,369	33,973	2,336	175,773
MAY 31	16,469	34,992	4,646	181,436
JUNE 30	15,407	37,128	6,744	187,909
JULY 31	17,630	46,304	11,324	234,725
AUGUST 31	21,646	51,247	13,695	257,544
SEPTEMBER 30	23,194	57,924	13,899	274,591
OCTOBER 31	27,593	60,844	10,808	288,012
NOVEMBER 30	29,198	56,671	6,967	286,677
DECEMBER 31	27,877	58,276	5,878	284,561

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 78 AND 79.

COLD STORAGE HOLDINGS OF CURED FISH, 1968

Holdings of frozen fishery products were highest on October 31, when 288 million pounds were in storage. The November 30 holdings of 286.7 million pounds were second highest, followed by the December 31 holdings of 284.6 million and the September 30 holdings of 274.6 million pounds. Holdings were lowest on March 31, when they totaled only 173.2 million pounds.

SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1968

(THOUSANDS OF POUNDS)

MONTH	SALTED			SMOKED	TOTAL
	HERRING	SALMON, MILD-CURED	OTHER		
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31	7,649	1,665	667	434	10,415
FEBRUARY 29	7,666	1,456	283	398	9,803
MARCH 31	8,438	1,288	329	365	10,420
APRIL 30	8,285	996	316	410	10,007
MAY 31	9,257	774	264	420	10,715
JUNE 30	7,726	627	252	389	8,994
JULY 31	7,507	845	355	477	9,184
AUGUST 31	6,966	1,616	691	501	9,774
SEPTEMBER 30	6,864	1,627	316	558	9,365
OCTOBER 31	5,825	1,019	216	495	7,555
NOVEMBER 30	5,402	1,656	379	580	8,017
DECEMBER 31	4,782	1,562	273	591	7,208

FOREIGN FISHERY TRADE

U.S. foreign trade in fishery products was worth $890.4 million--an increase of $100.3 million compared with 1967. Imports for consumption were worth $822.7 million and exports, $67.7 million--a gain of $114.8 million in imports but a decline of $14.5 million in exports compared with the previous year.

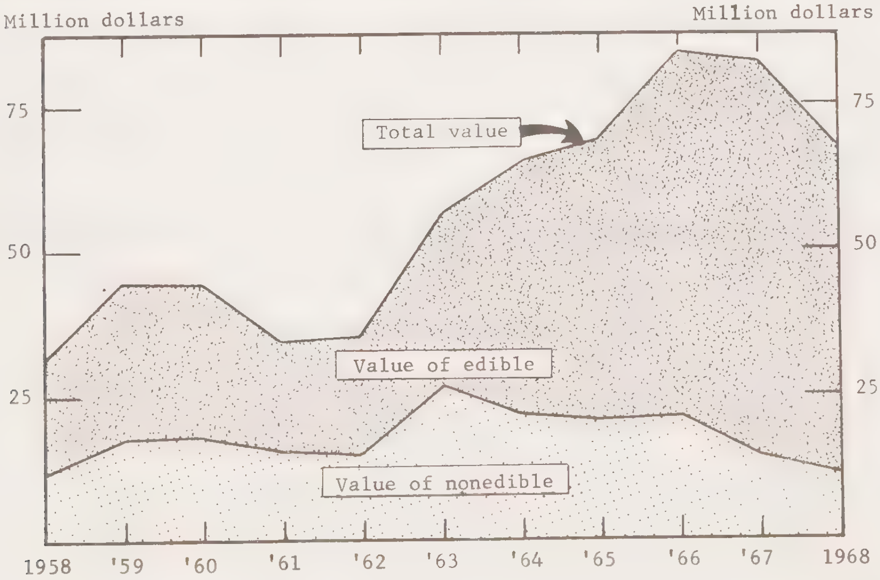
Imports of edible fishery products were 1.7 billion pounds worth $643.2 million--18 percent more in volume and 19 percent more in value than in 1967. Increased receipts of fresh or frozen sea herring, tuna, halibut, fillets and steaks (including groundfish and other than groundfish), crabs and crab meat, northern and spiny lobsters, shrimp, and scallops; canned anchovies, salmon, sardines, and tuna in brine accounted largely for the gain. The volume of imports of fresh, frozen, and canned oysters and oyster juice, tuna loins and discs, and pickled or salted sea herring declined slightly in volume compared with a year ago.

Shrimp, the major item imported with respect to value, accounted for 25 percent of the value of all imported edible items. Record imports of about 189.5 million pounds (including fresh or frozen, canned, and cured) worth $162.2 million were received from 79 countries. Mexico, India, and Panama were among the principal sources. Mexican shrimp accounted for 32 percent of the total imports of shrimp.

Imports of nonedible fishery products were valued at $179.5 million--$9.9 million more than in the previous year. The principal gain was in imports of fish meal and scrap which increased from 651,000 tons in 1967 to 855,000 tons in 1968.

Exports of domestic edible fishery products were 90.8 million pounds worth $56.8 million--a decline of 16 percent in both volume and value compared with 1967. The value of nonedible exports of domestic fishery products ($10.9 million) was $3.8 million less than a year ago. Exports of foreign-produced fishery products in 1968 were $12.7 million compared with $20 million in the previous year. A sharp decrease in exports of fresh or frozen shrimp products--from $16.6 million in 1967 to $8.9 million in 1968--was the principal cause of the decline.

VALUE OF EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1958-68



EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1967-68

ITEM		1967		1968	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN:					
FISH:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK . .	1,000 POUNDS	1,242	296	519	150
SALMON.	DO	18,911	11,846	16,234	10,076
OTHER	DO	17,256	3,971	12,279	3,039
SHELLFISH:					
SHRIMP.	DO	8,112	8,654	12,147	11,280
OTHER	DO	8,057	5,424	9,144	4,994
TOTAL FRESH AND FROZEN.	DO	53,578	30,191	50,323	29,539
CANNED:					
FISH:					
MACKEREL.	DO	538	116	305	66
SALMON.	DO	20,543	15,593	5,726	4,604
SARDINES.	DO	1,373	488	3,033	1,314
OTHER	DO	5,409	5,182	4,926	4,571
SHELLFISH:					
SHRIMP.	DO	5,255	5,585	4,467	4,758
SQUID	DO	12,787	1,562	11,955	1,418
OTHER	DO	5,542	5,650	3,064	2,204
TOTAL CANNED.	DO	51,447	34,176	33,476	18,935
CURED, SALTED, PICKLED, OR DRY CURED:					
UNCLASSIFIED FISH	DO	2,796	3,040	6,708	8,094
UNCLASSIFIED SHELLFISH.	DO	119	117	301	277
TOTAL CURED	DO	2,915	3,157	7,009	8,371
TOTAL EDIBLE FISHERY PRODUCTS	DO	107,940	67,524	90,808	56,845
NONEDIBLE FISHERY PRODUCTS					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	DO	76,816	4,674	65,129	2,700
WHALE AND SPERM OIL	DO	1,785	273	4,071	323
SEAL FURS, DRESSED OR DYED.	1,000 PIECES	85	5,442	86	5,901
SHELLS, UNMANUFACTURED.	1,000 POUNDS	42,081	4,013	25,056	1,627
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE.	-	-	283	-	361
TOTAL NONEDIBLE FISHERY PRODUCTS.	-	-	14,685	-	10,912
GRAND TOTAL	-	-	82,209	-	67,757

NOTE:--IN ADDITION TO THE EXPORT FIGURES THAT ARE SHOWN THERE ARE QUANTITIES OF FISH OILS AND CONCENTRATES THAT ARE EXPORTED FOR MEDICINAL PURPOSES, AND OTHER MISCELLANEOUS FISHERY PRODUCTS THAT CANNOT BE SHOWN BECAUSE THE EXPORT CLASSIFICATION COVERING THESE PRODUCTS INCLUDES OTHER THAN FISHERY PRODUCTS.

EXPORTS OF FOREIGN FISHERY PRODUCTS, 1967-68

ITEM		1967		1968	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN:					
FISH:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK. .	1,000 POUNDS	153	54	363	132
SALMON	DO	69	41	130	91
OTHER.	DO	627	208	658	212
SHELLFISH:					
SHRIMP	DO	15,890	16,550	8,314	8,915
OTHER	DO	939	930	594	789
TOTAL FRESH AND FROZEN	DO	17,678	17,783	10,059	10,139
CANNED:					
FISH:					
SALMON	DO	26	17	-	-
SARDINES	DO	34	13	11	3
OTHER.	DO	97	64	140	160
SHELLFISH:					
SHRIMP	DO	19	25	20	17
SQUID.	DO	-	-	96	14
OTHER.	DO	2,151	1,706	2,293	2,110
TOTAL CANNED	DO	2,327	1,825	2,560	2,304
CURED, SALTED, PICKLED, OR DRY CURED:					
UNCLASSIFIED FISH.	DO	288	91	121	44
UNCLASSIFIED SHELLFISH	DO	14	15	3	4
TOTAL CURED.	DO	302	106	124	48
TOTAL EDIBLE FISHERY PRODUCTS.	DO	20,307	19,714	12,743	12,491
NONEDIBLE FISHERY PRODUCTS					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL).	DO	75	9	15	3
WHALE AND SPERM OIL.	DO	60	7	2,300	72
SEAL FURS, DRESSED OR DYED	1,000 PIECES	6	202	4	79
SHELLS, UNMANUFACTURED	1,000 POUNDS	56	14	134	23
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-	45	-	44
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	277	-	221
GRAND TOTAL.	-	-	19,991	-	12,712

GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1967-68

ITEM	UNIT	1967		1968	
EDIBLE FISHERY PRODUCTS		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN:					
FISH:					
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):					
FRESH-WATER:					
LAKE HERRING, CISCOES, AND CHUBS	1,000 POUNDS	459	107	393	60
LAKE TROUT	DO	1,470	631	1,477	648
PIKE, EXCEPT YELLOW PIKE	DO	1,436	466	1,640	469
OTHER TROUT	DO	4,114	1,977	4,332	1,946
WHITEFISH	DO	10,037	4,525	10,335	4,794
YELLOW PIKE	DO	3,782	1,634	3,422	1,633
UNCLASSIFIED	DO	5,639	1,343	5,557	1,244
TOTAL FRESH-WATER FISH	DO	26,937	10,683	27,156	10,794
SALT-WATER:					
COD, HADDOCK, HAKE, POLLOCK AND CUSK (INCLUDES EELS AND SHAD)	DO	3,476	478	4,708	646
HALIBUT	DO	15,567	4,837	18,082	5,627
MACKEREL:					
FRESH	DO	1,450	159	880	123
FROZEN	DO	721	84	972	121
SALMON	DO	8,815	6,502	9,811	7,062
SEA HERRING	DO	132,852	2,132	1/200,988	1/3,085
SMELT	DO	7,763	1,286	9,096	1,567
STURGEON	DO	1,070	424	1,186	473
SWORDFISH:					
FRESH	DO	7,169	3,919	7,141	4,598
FROZEN	DO	223	84	157	80
TUNA (WHOLE AND OTHER THAN WHOLE): 2/					
ALBACORE	DO	190,407	39,881	174,363	36,151
YELLOWFIN	DO	90,421	16,062	148,337	26,732
SKIPJACK	DO	54,217	5,492	53,616	5,822
UNCLASSIFIED	DO	14,746	1,501	8,511	887
TOTAL TUNA	DO	349,791	62,936	384,827	69,592
TUNA LOINS AND DISCS:					
ALBACORE	DO	4,067	1,914	3,386	1,660
YELLOWFIN	DO	3,460	1,489	3,802	1,584
UNCLASSIFIED	DO	442	140	167	56
TOTAL LOINS AND DISCS	DO	7,969	3,543	7,355	3,300
UNCLASSIFIED	DO	13,628	3,815	14,725	3,977
TOTAL SALT-WATER FISH	DO	550,494	90,199	659,928	100,251
FILLETS, STEAKS, ETC.:					
GROUNDFISH AND OCEAN PERCH:					
COD	DO	32,068	9,270	46,646	13,413
HADDOCK, HAKE, POLLOCK AND CUSK	DO	25,716	8,299	32,069	10,324
OCEAN PERCH (ATLANTIC)	DO	36,279	8,871	50,435	11,819
BLOCKS OR SLABS	DO	189,504	43,372	261,086	56,819
TOTAL GROUNDFISH AND OCEAN PERCH	DO	283,567	69,812	390,236	92,375
OTHER:					
FLOUNDER OR FLATFISH (EX. HALIBUT)	DO	33,290	11,080	39,542	13,221
HALIBUT	DO	8,377	3,378	10,940	4,401
SWORDFISH	DO	14,002	5,202	17,628	9,062
WOLFFISH (SEA CATFISH)	DO	4,904	1,605	7,168	2,457
UNCLASSIFIED SALT-WATER	DO	11,125	4,300	15,082	5,748
YELLOW PERCH	DO	6,207	2,927	9,089	4,173
YELLOW PIKE	DO	3,933	2,673	5,533	3,634
UNCLASSIFIED FRESH-WATER	DO	3,024	1,066	4,181	1,364
TOTAL, OTHER THAN GROUNDFISH	DO	84,862	32,231	109,163	44,060
TOTAL FILLETS, STEAKS, ETC.	DO	368,429	102,043	499,399	136,435
FISH STICKS AND SIMILAR PRODUCTS	DO	394	165	878	334
TOTAL FISH, FRESH AND FROZEN	DO	946,254	203,090	1,187,361	247,814

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1967-68 Continued

ITEM		1967		1968	
EDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN: - CONTINUED:					
SHELLFISH, ETC.:					
CRABS:					
FRESH OR FROZEN (INCLUDING PREPARED OR PRESERVED, EXCEPT CANNED).	1,000 POUNDS	681	240	1,284	734
CRAB MEAT (FRESH COOKED).	DO	52	45	1,484	2,086
LOBSTERS:					
COMMON (INCLUDES FRESH-COOKED MEAT) . .	DO	15,568	15,070	16,753	16,388
SPINY	DO	35,340	56,449	43,062	82,648
SHRIMP:					
BREADED	DO	830	1,029	1,567	1,721
SHELL-ON.	DO	131,927	105,813	128,042	112,480
PEELED, RAW	DO	38,959	31,875	47,451	37,487
PEELED, COOKED, BUT NOT BREADED	DO	1,797	1,449	1,459	1,011
UNCLASSIFIED.	DO	9,999	8,285	6,279	5,529
TOTAL SHRIMP.	DO	183,512	148,451	184,798	156,228
CLAMS (IN SHELL OR SHUCKED)	DO	708	171	749	271
OYSTERS:					
EXCEPT SEED OYSTERS	DO	3,581	1,067	2,754	888
UNCLASSIFIED (PRINCIPALLY SEED OYSTERS)	DO	4,256	827	2,102	625
SCALLOPS.	DO	13,461	9,314	14,581	15,709
FROG LEGS (INCLUDES PREPARED AND PRESERVED)	DO	4,056	2,666	3,198	2,225
TURTLES (LIVE ONLY)	DO	353	154	444	324
TOTAL SHELLFISH, ETC., FRESH AND FROZEN	DO	261,568	234,454	271,209	280,126
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC.	DO	1,207,822	437,544	,458,570	527,940
CANNED:					
FISH:					
ANCHOVIES:					
IN OIL.	DO	4,081	3,378	4,912	4,350
NOT IN OIL.	DO	849	315	1,124	470
SALMON:					
IN OIL.	DO	13	25	22	32
NOT IN OIL.	DO	108	81	4,933	2,788
SARDINES:					
IN OIL.	DO	25,494	11,850	28,436	13,178
NOT IN OIL.	DO	26,945	4,660	30,431	5,609
HERRING:					
IN OIL.	DO	44	26	152	54
NOT IN OIL.	DO	9,383	3,175	10,833	3,600
TUNA:					
IN OIL, ALBACORE.	DO	186	105	150	104
IN BRINE:					
ALBACORE.	DO	38,674	19,499	41,861	21,561
OTHER	DO	26,461	10,594	25,162	10,016
TOTAL IN BRINE.	DO	65,135	30,093	67,023	31,577
BONITO AND YELLOWTAIL:					
IN OIL.	DO	558	192	547	218
IN BRINE.	DO	1,075	288	346	103
TOTAL BONITO AND YELLOWTAIL	DO	1,633	480	893	321
POLLOCK, SMOKED	DO	8	6	8	7
ANTIPASTO, IN OIL	DO	221	188	268	207
FISH CAKES, BALLS AND PUDDING	DO	1,079	295	1,169	323
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED)	DO	352	1,604	373	1,582
FISH PASTE AND SAUCE.	DO	278	138	289	142
UNCLASSIFIED FISH:					
IN OIL.	DO	622	328	742	405
NOT IN OIL.	DO	19,920	2,884	18,132	2,741
TOTAL CANNED FISH	DO	156,351	59,631	169,890	67,490

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1967-68 Continued

ITEM		1967		1968	
EDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
CANNED - CONTINUED:					
SHELLFISH, ETC.:					
ABALONE (MAY INCLUDE FRESH OR FRIED, AND CANNED PASTE AND SAUCE)	1,000 POUNDS	4,234	2,471	5,417	4,221
CLAMS:					
RAZOR	DO	12	8	(3)	(3)
OTHER	DO	1,664	1,052	1,850	1,107
CHOWDER, JUICE, ETC..	DO	74	19	37	4
CRAB MEAT (INCLUDES PASTE AND SAUCE). . .	DO	2,177	2,708	4,720	5,373
LOBSTER MEAT:					
COMMON.	DO	2,715	6,996	2,451	6,280
SPINY	DO	149	299	213	307
SHRIMP.	DO	2,225	2,070	4,307	3,657
OYSTERS AND OYSTER JUICE.	DO	16,114	5,845	14,499	5,640
UNCLASSIFIED (INCLUDES SHELLFISH PASTE AND SAUCE)	DO	6,001	2,253	6,877	2,855
TOTAL CANNED SHELLFISH.	DO	35,365	23,721	40,371	29,444
TOTAL CANNED FISH, SHELLFISH, ETC.. . .	DO	191,716	83,352	210,261	96,934
CURED:					
DRIED SHRIMP.	DO	336	255	350	282
DRIED (UNSALTED):					
COD, HADDOCK, HAKE, POLLOCK AND CUSK. . .	DO	981	642	1,142	651
SHARK FINS.	DO	154	164	135	157
UNCLASSIFIED.	DO	110	95	140	132
TOTAL DRIED (UNSALTED).	DO	1,581	1,156	1,767	1,222
PICKLED OR SALTED:					
ALEWIVES.	DO	-	-	2	(3)
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:					
SKINNED OR BONED.	DO	7,733	3,059	8,582	3,263
OTHER	DO	28,826	7,238	30,626	7,724
HERRING	DO	24,077	3,624	21,085	3,068
MACKEREL.	DO	1,706	307	1,585	301
SALMON.	DO	9	7	114	114
UNCLASSIFIED.	DO	225	167	300	265
TOTAL PICKLED OR SALTED	DO	62,576	14,402	62,294	14,735
SMOKED OR KIPPERED:					
COD, HADDOCK, HAKE, POLLOCK AND CUSK:					
WHOLE, BEHEADED, OR EVISCERATED OR BOTH	DO	254	86	216	66
FILLETS, STEAKS, ETC.	DO	1,519	495	1,994	645
HERRING:					
WHOLE OR BEHEADED:					
HARD DRY SMOKED	DO	18	3	33	6
OTHER	DO	965	150	685	116
BONED AND NOT BONED (EVISCERATED, SPLIT)	DO	1,026	250	1,181	324
MACKEREL.	DO	1	(3)	-	-
SALMON.	DO	51	79	40	73
UNCLASSIFIED.	DO	117	40	157	59
TOTAL SMOKED OR KIPPERED.	DO	3,951	1,103	4,306	1,289
TOTAL CURED	DO	68,108	16,661	68,367	17,246
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR	DO	2,791	744	4,167	1,045
TOTAL EDIBLE FISHERY PRODUCTS	DO	1,470,437	538,301	1,741,365	643,165
NONEDIBLE FISHERY PRODUCTS					
OILS, FISH AND MARINE ANIMAL:					
COD:					
INDUSTRIAL.	1,000 GALLONS	787	472	678	340
MEDICINAL (LIVER)	DO	376	410	458	415
HERRING	DO	55	24	30	17
SOD	DO	48	19	41	14
WHALE:					
SPERM:					
REFINED	DO	1,019	699	1,094	655
CRUDE	DO	5,603	3,018	6,331	2,889
OTHER	DO	9	16	(3)	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1967-68 Continued

ITEM		1967		1968	
NONEDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
OILS, FISH AND MARINE ANIMAL - CONTINUED:					
UNCLASSIFIED:					
BODY	1,000 GALLONS	7	13	10	27
LIVER	DO	15	174	17	126
TOTAL FISH AND MARINE ANIMAL OIL	DO	7,919	4,845	8,659	4,485
MEAL AND SCRAP, ANIMAL FEED	1,000 TONS	651	72,992	855	82,517
FISH SOLUBLES	DO	4	279	2	176
FISH SOUNDS	1,000 POUNDS	21	63	30	87
GLUE	DO	1,222	293	1,085	282
ISINGLASS	DO	36	36	16	23
PEARL ESSENCE	DO	73	581	44	449
AQUARIUM FISH (INCLUDING GOLDFISH)	-	-	1,369	-	2,169
FISH (OTHER THAN FOR HUMAN CONSUMPTION)	-	-	9,996	-	10,718
CUTTLEFISH BONE	1,000 POUNDS	221	76	219	78
SHELLS AND BUTTONS:					
MARINE SHELLS, CRUDE (UNMANUFACTURED)	DO	2,971	456	3,150	444
SHELL AND MOTHER-OF-PEARL, ORNAMENTED	-	-	764	-	1,034
OCEAN AND FRESH-WATER PEARL AND SHELL BUTTONS AND BLANKS	-	-	610	-	608
PEARLS:					
CULTURED	-	-	17,140	-	12,865
NATURAL	-	-	576	-	525
TOTAL PEARLS	-	-	17,716	-	13,390
AMBERGRIS	-	-	62	-	59
SPERMACETI WAX	1,000 POUNDS	260	57	260	57
AQUATIC LEATHERS (INCLUDING SEALSKINS, REPTILIAN AND OTHER AQUATIC LEATHER PRODUCTS)	-	-	24,767	-	24,698
MOSS AND SEAWEEDS	1,000 POUNDS	20,584	3,601	20,490	3,619
AGAR-AGAR	DO	818	2,207	941	2,060
SODIUM ALGINATE	DO	391	296	725	524
SPONGES:					
SHEEPSWOOL	DO	5	19	5	15
YELLOW, GRASS OR VELVET	DO	19	49	10	25
HARDHEAD, REEF AND OTHER	DO	67	815	85	875
TOTAL SPONGES	DO	91	883	100	915
CORAL, UNCUT, UNMANUFACTURED	DO	387	41	360	63
OTHER FISH, SHELLFISH AND MARINE ANIMAL PRODUCTS:					
CHEMICALS AND RELATED PRODUCTS	-	-	18,365	-	20,255
NONMETALLIC MINERALS AND PRODUCTS	-	-	2,757	-	3,956
MISCELLANEOUS ITEMS	-	-	6,470	-	6,838
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	169,582	-	179,504
GRAND TOTAL	-	-	707,883	-	822,669

1/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH SEA HERRING INTO MAINE THAT AMOUNTED TO 165,801,200 POUNDS. BUREAU OF CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN $250 AMOUNTED TO 164,059,190 POUNDS, VALUED AT $2,574,178.

2/ INCLUDES LANDINGS OF FOREIGN-CAUGHT TUNA IN AMERICAN SAMOA. SUCH LANDINGS ARE NOT INCLUDED IN THE BUREAU OF THE CENSUS DATA BECAUSE OF THE TERRITORIAL SITUATION OF THE POSSESSION.

3/ LESS THAN 1,000 UNITS OR $1,000.

SECTION 2 - NEW ENGLAND FISHERIES

The commercial fisheries of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) produced 634.7 million pounds of fish and shellfish worth $75.7 million to the fishermen--a gain of 9.4 million pounds (2 percent) and $5.4 million (8 percent) compared with 1967. Landings of cod, yellowtail flounders, sea herring, whiting, lobsters, shrimp, and sea scallops increased, but landings of haddock, ocean perch, and unclassified fish used for bait, reduction, and animal food declined. The average price per pound paid for haddock, whiting, and sea scallops increased sharply, but prices for cod and lobsters declined. Fishermen received an average of 11.9 cents per pound for all fish and shellfish in 1968 compared with 11.2 cents in 1967.

Landings in Maine, New Hampshire, and Connecticut were greater than in 1967. Massachusetts ranked first in volume with 338.3 million pounds--53 percent of the New England catch. Maine was second with 218.7 million pounds (35 percent), followed by Rhode Island with 71.0 million (11 percent), Connecticut, 5.5 million, and New Hampshire, 1.2 million pounds.

Fishermen and vessels. The New England fisheries had 18,180 fishermen using 695 vessels (5 net tons or more) and 9,726 other craft--a decline of 15 vessels, but an increase of 137 fishermen and 78 other craft compared with 1967.

Vessel construction. The New England fleet had 10 new vessels in 1968--1 fished out of Maine ports; 6 out of Massachusetts ports (4 at New Bedford, and 1 each at Boston and Gloucester), and 3 out of Rhode Island ports. Boston's new vessel, the Old Colony, is a 131-foot steel stern trawler built at a cost of nearly $1 million with financial assistance provided by the United States Fleet Improvement Act, P.L. 88-498. The Old Colony is powered by a 1,275-horsepower diesel engine, has the latest electronic and mechanical fishing gear, and can hold 400,000 pounds of fish. Gloucester had its first new vessel in 2 years--the 95-foot steel side trawler, Joseph and Lucia III. This vessel was also built with the help of funds from P.L. 88-498. New England's first factory ship, the 292-foot stern trawler, Seafreeze Atlantic, was launched at Baltimore, Md. The vessel cost about $5 million and was built under the Bureau's subsidy program. It will fish for groundfish in the northwest Atlantic, and the catch will be processed at sea into blocks and fillets. The Seafreeze Atlantic will be followed soon by the Seafreeze Pacific, which will be based on the Pacific coast.

Labor. Labor-management relations were relatively stable because 2-and 3-year contracts were still in effect between seafood workers and processing plants at most New England ports. At Gloucester, Mass., fishermen and vessel owners agreed on a 3-year contract that provided increased deductions for the welfare fund and increased payments to engineers, mates, and cooks. It also revised rules governing the purchase of fuel oil. At Rockland, Maine, both seafood workers and fishermen reached new agreements with management. Before the settlement between fishermen and management, the fleet was tied up for about 2 weeks. The dispute arose during the Christmas-New Year season, however, so little time was lost from fishing. No other ports had major tie-ups or work stoppages.

Weather. Severe weather at both the beginning and end of the year caused a production decline. In January and February extremely high winds and snow curtailed fishing on offshore banks, and in November a bad storm caused extensive losses of lobster traps--especially in western Maine. December storms curtailed shrimp landings at Maine ports. However, New England had no hurricanes in 1968, and losses of gear and shore equipment were less than average.

Groundfish. Landings of six groundfish species (cod, cusk, haddock, white hake, pollock, and ocean perch) were 191.7 million pounds worth $15.7 million--a decline of 15 percent in volume and 13 percent in value compared with 1967. Imports of groundfish fillets (including blocks) were a record 390.2 million pounds--106.7 million (38 percent) more than in the previous year. The available supply (U.S. production plus imports) of groundfish fillets and blocks in the United

States was a record 445.6 million pounds--an increase of 91.0 million compared with 1967. U.S. production of groundfish fillets and steaks was only 12 percent of the total amount available for consumption. In 1948, the U.S. production accounted for 72 percent of this amount.

Haddock. Landings of 70.6 million pounds worth $9.3 million were 28 percent less in volume and 16 percent less in value than in 1967. The catch was the smallest recorded since 1908. Large haddock represented 55 percent of the catch. The haddock fishery drew heavily on older stocks because 5 successive poor year classes and intensive fishing by foreign vessels had depleted the supply of smaller, younger fish. Landings at Massachusetts ports accounted for 97 percent of the total. Boston received 59 percent of the Massachusetts haddock landings; Gloucester, 25 percent; New Bedford, 12 percent; and other ports, the rest. Boston's active fishing fleet continued to decline, and many of the port's old large steel trawlers lay idle at the docks.

Ocean perch. The catch was 61.3 million pounds worth $2.4 million--a decline of 14 percent in volume and 15 percent in value compared with 1967. Landings of 3.0 million pounds in Gloucester, Mass., once the center of the fishery, were 64 percent less than in 1967 and far below the record 177.7 million pounds taken at this port in 1951. The ocean perch fishery has been located chiefly in Rockland, Maine, since 1964 when, for the first time, the landings in Rockland exceeded landings in Gloucester. The Rockland production in 1968 was about 42.8 million pounds--70 percent of the New England harvest. The ocean perch catch was taken principally from the Gulf of St. Lawrence; most of the remainder came from the Gulf of Maine. Imports of ocean perch fillets were 50.4 million pounds--an increase of 39 percent compared with 1967.

Cod. The cod catch of 48.6 million pounds worth $3.4 million was 11 percent more in volume but 3 percent less in value than in 1967. Landings increased in all States and were the largest since 1962. Massachusetts landings accounted for 85 percent of the total; Maine, 10 percent; Rhode Island, 4 percent; and New Hampshire and Connecticut, the rest. Low prices that prevailed during much of the year discouraged the fishermen, who consequently did not fish intensively for cod.

Whiting. The whiting catch was 71.7 million pounds worth $2.3 million--a gain of 11.8 million pounds (20 percent) and $675,000 (41 percent) compared with 1967. The catch increased in all States. Maine landings of 28.9 million pounds were 40 percent more than in 1967, and second only to the record 29.7-million-pound harvest of 1966. A larger fleet and greater fishing effort accounted for most of the gain. Massachusetts landings of 40.5 million pounds were only 7 percent more than in 1967. The volume probably would have been greater, but a price dispute between Gloucester fishermen and dealers caused a 2-week tie-up of the fleet. Cold storage holdings of headed and dressed whiting on December 31, 1968, were 12.8 million pounds--about 100,000 pounds less than in 1967. The inventory was small according to members of the industry.

Sea herring. The sea herring catch was 91.9 million pounds--a gain of 23.3 million compared with 1967. Most of the increase was in Massachusetts where landings of 21.7 million pounds were 510 percent greater than in 1967; Maine landings of 69.7 million pounds increased 8 percent.

The pack of Maine sardines was 1,730,300 standard cases worth $19.3 million--an increase of 480,000 cases and $5.4 million compared with the previous year. Only 22 canneries operated in 1968--1 less than in 1967.

Imports of sea herring into Maine ports from Canada were 165.8 million pounds--45.6 million more than in 1967. More imported herring was canned than in the previous years. Increasing imports of canned, Maine-style sardines competed directly with the domestic pack and caused the Maine Sardine Packers Association to apply to the U.S. Tariff Commission for higher duties on imports.

Several nations, including Canada, Iceland, West Germany, Soviet Russia, East Germany, and Poland fished for sea herring in the Gulf of Maine. The 32.7-million-pound catch made by

Canadian and Icelandian purse seiners was transferred to United States vessels at sea and then landed in Gloucester to be used industrially.

Yellowtail flounders. The catch of 64.3 million pounds worth $6.6 million increased 23 percent in volume and 20 percent in value compared with 1967. New Bedford landings of 53.7 million pounds accounted for 83 percent of the New England production. In 1968, fishermen found most of the largest yellowtail flounders along southeast Georges Bank. Compared with 1967, the catch of small yellowtails off Long Island declined.

Unclassified industrial fish. Landings of unclassified species of industrial fish for processing into fish meal and oil were 80.9 million pounds--a decline of 5.6 million compared with 1967. Slightly more than one-half of the fish were landed at Point Judith, R.I., and most of the remainder were landed at New Bedford, Mass. The abundance of red hake, which once dominated the landings of industrial fish, has declined markedly in recent years.

Lobsters. The lobster catch was 30 million pounds worth $23.2 million--an increase of 5.3 million pounds (21 percent) and $2.4 million (12 percent) compared with 1967. The average price per pound declined from 84 cents in 1967 to 77 cents in 1968. Principal cause of the decline was the sale of lobsters for as little as 50 cents per pound during a period in October when supply exceeded market demand.

The New England otter-trawl catch of lobsters (3.9 million pounds) was 16 percent greater than in 1967. Two States accounted for the gain. Compared with 1967, Rhode Island landings increased 64 percent to 2.4 million pounds, and Connecticut landings increased 15 percent to 190,600 pounds. Lobsters were only 4 percent of the total Rhode Island catch of fish and shellfish but were 42 percent of the total value. In Massachusetts, the harvest of trawl-caught lobsters declined from 1.7 million pounds in 1967 to 1.3 million in 1968--a decrease of 25 percent. In Maine, the pot catch of lobsters was 20.5 million pounds worth $14.9 million--4 million pounds and $1.3 million more than in 1967.

Two firms (located in Gloucester and Westport, Mass.) entered the pot fishery for deep-sea lobsters. The U.S. Fish and Wildlife Service's exploratory vessel, Delaware, began the development of this latent fishery.

Shrimp. The catch of shrimp was 14.6 million pounds worth $1.6 million--an increase of 7.6 million pounds and $740,000 compared with 1967. The entire harvest was landed in Maine except for 114,000 pounds at Gloucester Mass., and 95,000 pounds at ports in New Hampshire.

The Maine fishery tended to move from its former center in Portland to the Boothbay Harbor area. Ports as far east as Jonesport were active. The fishing season was extended when larger vessels entered the fleet and expanded the fishery further offshore.

The rapid growth of the New England shrimp fishery reminded oldtimers of the development of the ocean perch industry in the midthirties. Sales increased sharply as European markets provided a substantial outlet for cooked, whole shrimp. Many Maine fishermen cooked the shrimp aboard their boats.

Sea scallops. The harvest of 7.9 million pounds of sea scallop meats was 913,000 pounds (13 percent) more than in 1967. Landings at New Bedford accounted for 97 percent of the New England production. Despite the improved landings, the catch was the second smallest since 1946 and far below the record 23.8 million pounds taken in 1961. The value of the catch, $8.8 million, increased $3.4 million (63 percent) compared with 1967, but was substantially less than the record $9.8 million received by fishermen in 1959. In March, New Bedford fishermen received $1.37 per pound for sea scallops--an alltime high. Fishermen and biologists expressed concern that the supply of sea scallops is facing depletion from the Middle Atlantic grounds to Georges Bank.

NEW ENGLAND FISHERIES

In 1967, one scalloper, The Viking, left the sea scallop fishery along the east coast to explore the newly developed fishery in Alaska. The first east coast scalloper to go to Alaska, it was originally under charter to the State and was partially financed by Bureau funds. The venture proved so successful that four other large scallop vessels left the New England fleet to pursue the sea scallop fishery in Alaska waters in 1968.

New construction. In Provincetown, Mass., the U.S. Corps of Army Engineers started sounding operations for construction of a new breakwater. The town has voted $380,000 as its share of the estimated $4 million project; the rest of the cost is to be financed by federal funds.

In New Bedford, Mass., work began on the North Terminal project--a plan to extend the waterfront bulkhead 1,000 feet and upgrade the land in back of it to accommodate new port facilities. Similar construction on the South Terminal section of the waterfront has been completed.

International. The United States and Soviet Russia signed an agreement extending and modifying a previous one concluded in 1967 in Warsaw, Poland. The new agreement affords greater protection in Middle Atlantic waters to four species of fish (fluke, scup, red hake, and whiting) that are of great interest to New England fishermen, and that have been less abundant than in the past.

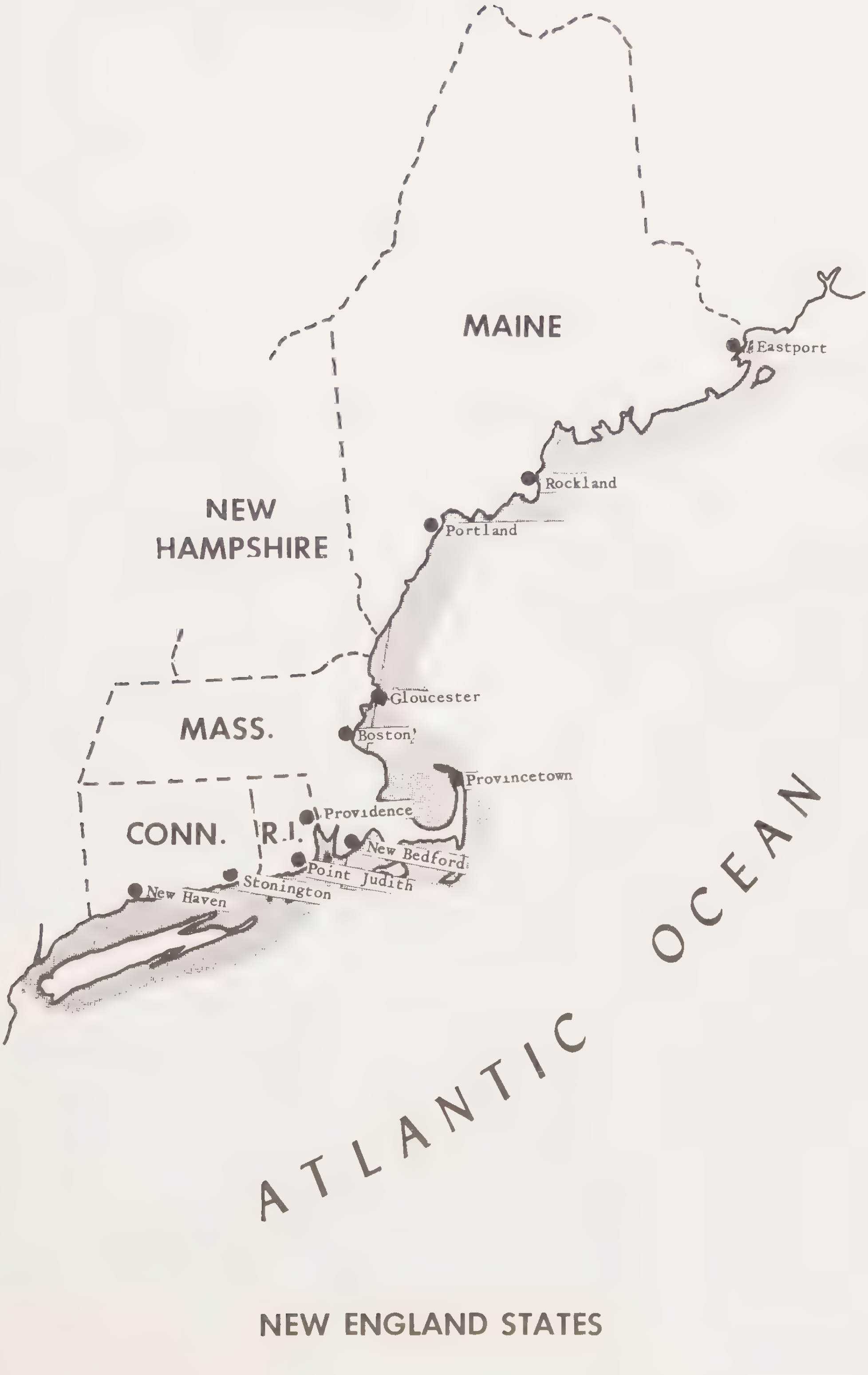
At the annual meeting of the International Commission for Northwest Atlantic Fisheries, held in London, one of the more important matters discussed was the possibility of controlling fishing intensity as a conservation measure in the Northwest Atlantic Ocean. Scientific assessments of the principal fish stocks (especially cod from the Greenland area and haddock from Georges Bank) indicate that fishing may have already exceeded the levels that provide largest sustainable yields.

Bureau activities. The Delaware II, a 155-foot stern trawler, was formally accepted by the Bureau in October 1968. This new research vessel replaces the Delaware, formerly a Boston commercial trawler built in 1937. The new vessel was scheduled to begin trials immediately and was expected to be fully activated by 1969. It will be the Bureau's primary vessel for fishing exploration and gear research in the North Atlantic. The Delaware II will be based in Gloucester.

Other information. The following tables contain summarized and detailed information on the 1968 operating units and catch of fish and shellfish in the New England States. Condensed summary data on the operating units and catch by States of the New England area, appearing on the following pages, have been published previously in Current Fishery Statistics No. 5366. Additional data on many aspects of the New England fisheries may be found in Maine, Massachusetts, and Rhode Island monthly and annual landing bulletins released by the Division of Statistics and Market News and in daily, monthly, and annual reports published by the Bureau's Fishery Market News Office, Commonwealth Pier, Boston, Mass.

Acknowledgments. The following organizations helped collect the data appearing in this section: Maine Department of Sea and Shore Fisheries; New Hampshire Fish and Game Department; Massachusetts Department of Natural Resources, Division of Marine Fisheries; Rhode Island Department of Agriculture and Conservation, Division of Fish and Game; Connecticut State Board of Fisheries and Game; and Connecticut State Shell Fish Commission.

NEW ENGLAND FISHERIES


MAINE
Eastport
Rockland
Portland
NEW HAMPSHIRE
Gloucester
MASS.
Boston
Provincetown
Providence
CONN.
R.I.
New Bedford
Point Judith
Stonington
New Haven
ATLANTIC OCEAN

NEW ENGLAND STATES

NEW ENGLAND FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAINE	172	6	47	20	219	26
NEW HAMPSHIRE	(1)	(1)	1	1	1	1
MASSACHUSETTS	320	26	19	16	339	42
RHODE ISLAND.	65	3	6	3	71	6
CONNECTICUT	4	(1)	1	1	5	1
TOTAL	561	35	74	41	635	76

1/ LESS THAN 500,000 POUNDS OR $500,000.

SUMMARY OF OPERATING UNITS, 1968

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECTI-CUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	472	-	2,866	548	98	3,689
ON BOATS AND SHORE:						
REGULAR	3,741	74	935	314	100	5,164
CASUAL.	3,889	291	3,859	875	413	9,327
TOTAL	8,102	365	7,660	1,737	611	18,180
VESSELS, MOTOR.	157	-	438	125	40	695
GROSS TONNAGE	8,031	-	36,300	6,373	953	46,433
BOATS:						
MOTOR	5,421	167	2,558	913	372	9,429
OTHER	158	9	86	34	10	297
GEAR:						
HAUL SEINES:						
COMMON.	-	2	5	4	9	20
LENGTH, YARDS	-	100	242	558	420	1,320
DANISH.	-	-	1	1	-	2
LENGTH, YARDS	-	-	30	30	-	60
STOP·SEINES	97	-	-	-	-	97
LENGTH, YARDS	38,900	-	-	-	-	38,900
PURSE SEINES:						
HERRING	17	-	6	-	-	21
LENGTH, YARDS	6,150	-	2,650	-	-	7,900
MACKEREL.	-	-	3	-	-	3
LENGTH, YARDS	-	-	1,200	-	-	1,200
TUNA.	-	-	4	-	-	4
LENGTH, YARDS	-	-	2,900	-	-	2,900
BAG NETS.	4	10	-	-	-	14
OTTER TRAWLS:						
FISH.	149	1	356	73	59	606
YARDS AT MOUTH. . . .	2,837	20	9,682	1,867	933	14,547
LOBSTER	-	-	39	49	3	78
YARDS AT MOUTH. . . .	-	-	1,105	1,433	81	2,250
SHRIMP.	141	2	-	-	-	143
YARDS AT MOUTH. . . .	2,160	35	-	-	-	2,195
WEIRS	71	5	-	-	-	76
POUND NETS, FISH.	-	-	22	1	-	23
FLOATING TRAPS.	8	-	9	25	1	43
POTS AND TRAPS:						
CONCH	-	-	250	725	297	1,272
CRAB.	300	170	20	140	-	630
EEL	-	-	230	360	440	1,030
LOBSTER	747,580	16,380	130,829	19,003	21,228	935,020
BOX TRAPS	6	-	-	-	-	6
GILL NETS:						
ANCHOR, SET OR STAKE. .	7	1	22	-	4	33
SQUARE YARDS.	50,440	5,000	130,700	-	735	178,875
DRIFT:						
SHAD.	-	-	-	-	37	37
SQUARE YARDS. . . .	-	-	-	-	64,254	64,254
OTHER	-	-	135	-	1	136
SQUARE YARDS. . . .		-	80,040	-	250	80,290
LINES:						
HAND.	323	347	1,750	317	52	2,789
HOOKS	323	1,040	3,031	534	56	4,984
TROLL	-	-	3	30	-	33
HOOKS	-	-	3	30	-	33
LONG OR SET WITH HOOKS.	32	2	84	1	-	118
HOOKS	101,400	4,250	227,930	1,000	-	333,580

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECTI-CUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
DIP NETS, COMMON.	101	10	84	-	4	199
HARPOONS:						
SWORDFISH	-	-	16	5	-	21
OTHER	23	4	16	-	-	43
SPEARS.	-	10	59	1	-	70
DREDGES:						
CLAM.	-	-	24	10	2	36
YARDS AT MOUTH. . . .	-	-	32	10	2	44
MUSSEL.	-	-	14	-	-	14
YARDS AT MOUTH. . . .	-	-	14	-	-	14
OYSTER, COMMON.	-	-	3	-	19	22
YARDS AT MOUTH. . . .	-	-	3	-	26	29
SCALLOP:						
BAY	-	-	1,431	-	-	1,431
YARDS AT MOUTH. . .	-	-	1,168	-	-	1,168
SEA	46	-	119	4	-	167
YARDS AT MOUTH. . .	60	-	479	17	-	547
TONGS:						
OYSTER.	-	-	15	4	2	21
OTHER	-	-	87	673	11	771
RAKES:						
OYSTER.	-	-	3	-	-	3
OTHER	415	-	956	168	-	1,539
HOES.	2,696	31	669	45	-	3,441
FORKS	-	-	34	-	-	34
DIVING OUTFITS.	5	-	142	1	-	148

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	2,249	44	41	1	117	2
ANGLERFISH.	-	-	-	-	298	22
BLUEFISH.	-	-	-	-	87	14
BONITO.	-	-	-	-	12	2
BUTTERFISH.	1	(1)	-	-	44	5
COD	5,037	235	109	10	41,157	2,977
CUSK.	131	7	1	(1)	1,217	77
EEL, COMMON	65	14	36	1	45	11
FLOUNDERS:						
BLACKBACK	45	3	-	-	11,996	1,587
DAB	560	32	10	1	5,259	625
FLUKE	-	-	-	-	163	63
GRAY SOLE	801	74	9	1	5,050	672
LEMON SOLE.	15	1	-	-	1,320	314
YELLOWTAIL.	13	1	-	-	57,761	5,999
TOTAL FLOUNDERS . . .	1,434	111	19	2	81,549	9,260
HADDOCK	1,790	190	12	2	68,478	9,061
HAKE:						
RED	-	-	-	-	204	4
WHITE	1,255	54	2	(1)	1,414	95
HALIBUT	65	26	(1)	(1)	166	89
HERRING, SEA.	69,703	1,669	-	-	21,722	225
LAUNCE.	-	-	12	2	24	4
MACKEREL, ATLANTIC.	388	17	-	-	4,321	237
MENHADEN.	-	-	-	-	8	(1)
OCEAN PERCH	57,750	2,240	4	(1)	3,569	137
POLLOCK	1,398	55	4	(1)	5,588	342
SALMON, ATLANTIC.	(1)	(1)	-	-	-	-
SCUP OR PORGY	-	-	-	-	686	90
SEA BASS.	-	-	-	-	8	3
SHAD.	2	(1)	-	-	2	(1)
SHARKS:						
GRAYFISH.	-	-	-	-	1	(1)
UNCLASSIFIED.	-	-	-	-	1	(1)
TOTAL SHARKS.	-	-	-	-	2	(1)
SKATES.	-	-	-	-	79	4

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SMELT	87	18	62	23	6	2
STRIPED BASS	5	1	10	2	874	166
STURGEON, COMMON	1	(1)	(1)	(1)	3	(1)
SWORDFISH	89	39	-	-	263	134
TAUTOG	-	-	-	-	10	(1)
TILEFISH	-	-	-	-	3	(1)
TUNA, BLUEFIN	38	3	6	(1)	1,543	191
WHITE PERCH	-	-	-	-	1	(1)
WHITING	28,916	817	15	(1)	40,495	1,384
WOLFFISH	14	(1)	-	-	475	23
UNCLASSIFIED:						
FOR FOOD	1,177	86	8	1	7,008	608
BAIT, REDUCTION, AND ANIMAL FOOD	115	2	-	-	38,071	452
TOTAL FISH	171,710	5,628	341	44	319,569	25,621
SHELLFISH, ETC.						
CRABS:						
GREEN	1	(1)	29	3	(1)	(1)
ROCK	1,453	77	12	1	24	3
TOTAL CRABS	1,454	77	41	4	24	3
LOBSTERS, NORTHERN	20,502	14,932	755	597	4,817	4,250
SHRIMP	14,363	1,590	95	11	114	11
CLAMS:						
HARD:						
PUBLIC	1	1	-	-	1,079	992
PRIVATE	-	-	-	-	72	83
OCEAN QUAHOG	-	-	-	-	20	2
RAZOR	-	-	-	-	6	3
SOFT, PUBLIC	3,332	1,388	-	-	1,130	788
SURF	-	-	-	-	18	5
TOTAL CLAMS	3,333	1,389	-	-	2,325	1,873
CONCHS	-	-	-	-	62	17
MUSSELS, SEA	389	31	-	-	103	16
OYSTERS, MARKET:						
PUBLIC:						
SPRING	(1)	(1)	-	-	3	7
FALL	-	-	-	-	3	9
PRIVATE:						
SPRING	-	-	-	-	23	50
FALL	-	-	-	-	43	106
TOTAL OYSTERS	(1)	(1)	-	-	72	172
PERIWINKLES AND COCKLES	45	11	-	-	-	-
SCALLOPS:						
BAY	-	-	-	-	491	776
SEA	220	217	-	-	7,705	8,619
TOTAL SCALLOPS	220	217	-	-	8,196	9,395
SQUID	4	(1)	-	-	710	45
SEA URCHINS	83	3	-	-	-	-
IRISH MOSS	5,100	153	-	-	2,200	66
BLOODWORMS	832	1,050	-	-	1	1
SANDWORMS	696	533	12	10	87	115
TOTAL SHELLFISH, ETC.	47,021	19,986	903	622	18,711	15,964
GRAND TOTAL	218,731	25,614	1,244	666	338,280	41,585

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	203	3	33	1	2,643	51
ANCHOVIES	24	3	-	-	24	3
ANGLERFISH	1	(1)	-	-	299	22
BLUEFISH	81	14	62	11	230	39
BONITO	10	3	-	-	22	5
BUTTERFISH	958	146	74	11	1,077	162
COD	1,928	138	367	24	48,598	3,384
CUSK	1	(1)	-	-	1,350	84
EELS:						
COMMON	39	9	42	7	227	42
CONGER	7	1	-	-	7	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLOUNDERS:						
BLACKBACK	3,362	280	1,041	79	16,444	1,949
DAB	104	10	-	-	5,933	668
FLUKE	384	155	35	14	582	232
GRAY SOLE	354	38	-	-	6,214	785
LEMON SOLE	75	22	-	-	1,410	337
YELLOWTAIL	6,533	574	34	3	64,341	6,577
TOTAL FLOUNDERS	10,812	1,079	1,110	96	94,924	10,548
FRIGATE MACKEREL	28	2	-	-	28	2
HADDOCK	348	37	-	-	70,628	9,290
HAKE:						
RED	344	12	-	-	548	16
WHITE	106	5	-	-	2,777	154
HALIBUT	(1)	(1)	-	-	251	115
HERRING, SEA	444	24	-	-	91,869	1,918
KING WHITING OR "KINGFISH"	1	(1)	-	-	1	(1)
LAUNCE	-	-	-	-	36	6
MACKEREL, ATLANTIC	868	61	67	4	5,644	319
MENHADEN	15	(1)	(1)	(1)	23	(1)
MULLET, BLACK (LISA)	2	(1)	-	-	2	(1)
OCEAN PERCH	(1)	(1)	-	-	61,323	2,377
OCEAN POUT	(1)	(1)	-	-	(1)	(1)
POLLOCK	58	3	-	-	7,048	400
SALMON, ATLANTIC	-	-	-	-	(1)	(1)
SCUP OR PORGY	4,722	706	507	63	5,915	859
SEA BASS	42	17	1	(1)	51	20
SEA ROBIN	225	4	100	1	325	5
SEA TROUT OR WEAKFISH, GRAY	3	(1)	-	-	3	(1)
SHAD	2	(1)	212	62	218	62
SHARKS:						
GRAYFISH	(1)	(1)	50	1	51	1
UNCLASSIFIED	1	(1)	(1)	(1)	2	(1)
TOTAL SHARKS	1	(1)	50	1	53	1
SKATES	4	(1)	12	(1)	95	4
SMELT	2	(1)	4	1	161	44
STRIPED BASS	98	22	-	-	987	191
STURGEON, COMMON	1	(1)	2	(1)	7	(1)
SWORDFISH	37	20	-	-	389	193
TAUTOG	42	2	5	(1)	57	2
THIMBLE-EYED MACKEREL	(1)	(1)	-	-	(1)	(1)
TILEFISH	50	8	-	-	53	8
TUNA, BLUEFIN	21	3	-	-	1,608	197
WHITE PERCH	8	1	4	1	13	2
WHITING	2,172	120	136	8	71,734	2,329
WOLFFISH	(1)	(1)	-	-	489	23
UNCLASSIFIED:						
FOR FOOD	58	3	1	(1)	8,252	698
BAIT, REDUCTION, AND ANIMAL FOOD	41,491	309	1,265	19	80,942	782
TOTAL FISH	65,257	2,755	4,054	310	560,931	34,358
SHELLFISH, ETC.						
CRABS:						
GREEN	4	1	-	-	34	4
ROCK	95	13	-	-	1,584	94
TOTAL CRABS	99	14	-	-	1,618	98
LOBSTERS, NORTHERN	3,073	2,607	887	820	30,034	23,206
SHRIMP	-	-	-	-	14,572	1,612
CLAMS:						
HARD:						
PUBLIC	1,289	740	1	1	2,370	1,734
PRIVATE	-	-	240	100	312	183
OCEAN QUAHOG	205	27	-	-	225	29
RAZOR	-	-	-	-	6	3
SOFT, PUBLIC	31	19	-	-	4,493	2,195
SURF	-	-	-	-	18	5
TOTAL CLAMS	1,525	786	241	101	7,424	4,149
CONCHS	61	19	32	7	155	43
MUSSELS, SEA	-	-	-	-	492	47
OYSTERS, MARKET:						
PUBLIC:						
SPRING	(1)	(1)	-	-	3	7
FALL	1	1	(1)	(1)	4	10

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

CATCH BY STATES, 1968 - Continued

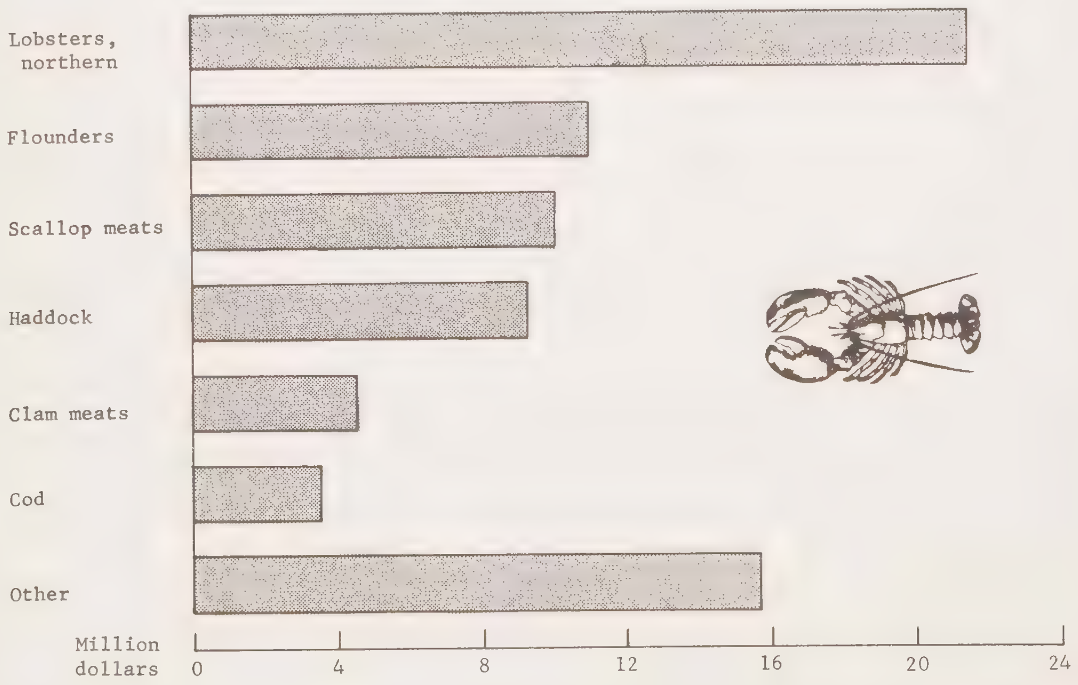
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH - CONTINUED						
OYSTERS, MARKET - CONTINUED:						
PRIVATE:						
SPRING.	-	-	81	188	104	238
FALL.	-	-	41	95	84	201
TOTAL OYSTERS	1	1	122	283	195	456
PERIWINKLES AND COCKLES . .	-	-	-	-	45	11
SCALLOPS:						
BAY	-	-	-	-	491	776
SEA	12	13	1	1	7,938	8,850
TOTAL SCALLOPS. . . .	12	13	1	1	8,429	9,626
SQUID	996	67	132	8	1,842	120
SEA URCHINS	-	-	-	-	83	3
IRISH MOSS.	-	-	-	-	7,300	219
BLOODWORMS.	-	-	-	-	933	1,051
SANDWORMS	-	-	-	-	795	658
TOTAL SHELLFISH, ETC.	5,767	3,507	1,415	1,220	73,817	41,299
GRAND TOTAL	71,024	6,262	5,469	1,530	634,748	75,657

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE CATCH ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

VALUE OF NEW ENGLAND STATES CATCH, 1968



NEW ENGLAND FISHERIES

CATCH OF CERTAIN SHELLFISH, 1968

(U.S. STANDARD BUSHELS)

SPECIES	MAINE		MASSACHUSETTS		RHODE ISLAND	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CLAMS:						
HARD:						
PUBLIC	73	$668	98,118	$992,156	107,408	$739,510
PRIVATE	-	-	6,500	83,025	-	-
OCEAN QUAHOG	-	-	2,000	2,500	20,470	26,697
RAZOR	-	-	362	3,145	-	-
SOFT, PUBLIC	222,133	1,388,102	86,900	788,142	2,377	18,770
SURF	-	-	1,664	5,058	-	-
CONCHS	-	-	4,127	16,600	4,067	19,635
MUSSELS, SEA	25,960	30,978	10,260	16,473	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	53	470	446	6,612	43	276
FALL	-	-	508	8,932	114	795
PRIVATE:						
SPRING	-	-	3,585	49,750	-	-
FALL	-	-	6,554	105,660	-	-
PERIWINKLES AND COCKLES	2,478	11,240	-	-	-	-
SCALLOPS:						
BAY	-	-	81,883	775,516	-	-
SEA	36,567	217,345	1,284,183	8,619,162	1,983	12,757

SPECIES	CONNECTICUT		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE
CLAMS:				
HARD:				
PUBLIC	100	$582	205,699	$1,732,916
PRIVATE	20,000	100,000	26,500	183,025
OCEAN QUAHOG	-	-	22,470	29,197
RAZOR	-	-	362	3,145
SOFT, PUBLIC	-	-	311,410	2,195,014
SURF	-	-	1,664	5,058
CONCHS	2,100	6,642	10,294	42,877
MUSSELS, SEA	-	-	36,220	47,451
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	-	542	7,358
FALL	26	270	648	9,997
PRIVATE:				
SPRING	10,455	188,118	14,040	237,868
FALL	5,286	94,761	11,840	200,421
PERIWINKLES AND COCKLES	-	-	2,478	11,240
SCALLOPS:				
BAY	-	-	81,883	775,516
SEA	150	1,035	1,322,883	8,850,299

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1968

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

SPECIES	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CLAMS:				
HARD:				
PUBLIC	11.00	11.00	12.00	12.00
PRIVATE	-	11.00	-	12.00
OCEAN QUAHOG	-	10.00	10.00	-
RAZOR	-	16.00	-	-
SOFT, PUBLIC	15.00	13.00	13.00	-
SURF	-	11.00	-	-
CONCHS	-	15.00	15.00	15.00
MUSSELS, SEA	15.00	10.00	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	7.50	6.50	7.00	-
FALL	-	6.50	7.00	7.70
PRIVATE:				
SPRING	-	6.50	-	7.70
FALL	-	6.50	-	7.70
PERIWINKLES AND COCKLES	18.00	-	-	-
SCALLOPS:				
BAY	-	6.00	-	-
SEA	6.00	6.00	6.00	6.00

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1968

ITEM		MAINE		NEW HAMPSHIRE	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
SALTED	POUNDS	(1)	(1)	-	-
SMOKED	DO	12,312	$1,206	-	-
COD:					
FILLETS, FRESH AND FROZEN	DO	232,700	85,105	-	-
SALTED (WHOLE, FILLETS, ETC.)	DO	182,900	75,404	-	-
SMOKED	DO	(1)	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN	DO	114,300	41,895	-	-
FLOUNDER FILLETS, FRESH	DO	97,300	50,944	-	-
HADDOCK:					
FILLETS, FRESH AND FROZEN	DO	671,500	373,445	-	-
SPECIALTIES, CANNED (CREAMED)	STANDARD CASES	(1)	(1)	-	-
SMOKED (FILLETS AND FINNAN HADDIE)	POUNDS	14,900	5,314	-	-
HAKE:					
FILLETS, FRESH AND FROZEN	DO	64,276	18,626	-	-
SALTED (BITS)	DO	(1)	(1)	-	-
HERRING, SEA:					
CANNED:					
SARDINES	STANDARD CASES	1,730,306	19,296,678	-	-
FISH	DO	(1)	(1)	-	-
SPECIALTIES (SPREADS)	DO	(1)	(1)	-	-
SMOKED	POUNDS	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
PEARL ESSENCE	-	-	1,664,948	-	-
MACKEREL, ATLANTIC, CANNED (NATURAL)	STANDARD CASES	(1)	(1)	-	-
OCEAN PERCH:					
FILLETS:					
FRESH AND FROZEN	POUNDS	14,455,975	3,653,383	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	7,249	973,530	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
POLLOCK:					
FILLETS AND STEAKS, FRESH AND FROZEN	POUNDS	141,000	28,548	-	-
SALTED	DO	17,700	6,320	-	-
SMOKED	DO	(1)	(1)	-	-
SALMON, SPECIALTIES, CANNED (CREAMED AND SPREADS)	STANDARD CASES	(1)	(1)	-	-
TUNA, CANNED:					
LIGHT MEAT	DO	(1)	(1)	-	-
SPECIALTIES (CREAMED AND SPREADS)	DO	(1)	(1)	-	-
WHITING, FRESH AND FROZEN:					
HEADED AND DRESSED	POUNDS	14,890,144	1,708,214	-	-
FILLETS	DO	586,491	118,023	-	-
CRABS, ROCK:					
COOKED MEAT, FRESH	DO	139,982	242,430	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS, SPREADS, ETC.)	DO	(1)	(1)	-	-
LOBSTERS, NORTHERN:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	184,376	873,729	43,250	$208,188
WHOLE	DO	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS, SPREADS, BISQUE, ETC.)	DO	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	737,622	279,814	-	-
WHOLE, COOKED	DO	2,773,432	1,313,119	-	-
PEELED, RAW (INCLUDING DEVEINED)	DO	1,674,657	1,238,242	(3)	(3)
BREADED, RAW AND COOKED	DO	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS)	DO	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN, SHUCKED, SOFT	GALLONS	146,212	1,006,510	84,066	616,882
CANNED:					
WHOLE AND MINCED	STANDARD CASES	12,613	191,975	-	-
CHOWDER AND JUICE	DO	(1)	(1)	-	-
SPECIALTIES (CRISPS, A LA KING, IN SHELL, ETC.)	DO	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED FISH:					
STICKS, BREADED:					
RAW	POUNDS	(1)	(1)	(3)	(3)
COOKED	DO	(1)	(1)	(3)	(3)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MAINE		NEW HAMPSHIRE	
		QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:					
FRESH AND FROZEN, PACKAGED FISH - CONTINUED:					
PORTIONS:					
RAW:					
NOT BREADED	POUNDS	(1)	(1)	(3)	(3)
BREADED	DO	(1)	(1)	(3)	(3)
BREADED AND COOKED.	DO	(1)	(1)	(3)	(3)
FISH AND SHELLFISH.	DO	22,861,033	$10,107,009	-	-
CANNED.	STANDARD CASES	757,272	6,298,324	-	-
CURED	POUNDS	468,375	144,818	-	-
INDUSTRIAL.	-	-	10,660,802	-	-
TOTAL	-	-	51,656,270	-	$9,627,155

ITEM		MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
CHUBS, SMOKED	POUNDS	(1)	(1)	-	-
COD:					
FILLETS:					
FRESH AND FROZEN.	DO	9,552,639	$3,468,492	-	-
BREADED, RAW AND COOKED, FROZEN .	DO	656,241	277,290	-	-
STEAKS, FRESH AND FROZEN.	DO	(2)	(2)	-	-
SPECIALTIES:					
FROZEN (CRISPS, FISH AND CHIPS, BREADED AND COOKED).	DO	(1)	(1)	-	-
CANNED (CAKES, SALTED AND FLAKES)	STANDARD CASES	(1)	(1)	-	-
SMOKED.	POUNDS	(1)	(1)	-	-
OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN. . . .	POUNDS	396,881	139,168	-	-
FLOUNDER:					
FILLETS:					
FRESH	DO	23,238,699	10,774,101	756,130	$415,872
FROZEN.	DO	4,540,526	1,830,387	308,800	101,904
BREADED, RAW AND COOKED, FROZEN .	DO	3,278,166	1,828,562	-	-
STEAKS, FROZEN.	DO	(2)	(2)	-	-
SPECIALTIES, FROZEN (DINNERS AND IN SAUCES)	DO	(1)	(1)	-	-
HADDOCK:					
FILLETS:					
FRESH AND FROZEN.	DO	21,339,541	10,612,119	-	-
BREADED, RAW AND COOKED, FRESH AND FROZEN	DO	3,938,444	2,028,812	-	-
STEAKS, BREADED AND COOKED, FROZEN.	DO	(1)	(1)	-	-
SPECIALTIES, FROZEN (AU GRATIN COOKED AND DINNERS).	DO	(1)	(1)	-	-
SMOKED (FILLETS AND FINNAN HADDIE).	DO	(1)	(1)	-	-
HAKE FILLETS, FRESH AND FROZEN. . . .	DO	88,470	27,547	-	-
HALIBUT:					
STEAKS, FRESH AND FROZEN.	DO	741,961	428,471	-	-
OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-
HERRING, SEA:					
SALTED.	POUNDS	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
MACKEREL, ATLANTIC:					
FILLETS, FRESH.	POUNDS	(1)	(1)	-	-
SALTED.	DO	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-
OCEAN PERCH:					
FILLETS:					
FRESH AND FROZEN.	DO	1,099,818	299,298	-	-
BREADED, RAW AND COOKED, FROZEN .	DO	5,458,245	2,176,592	-	-
SPECIALTIES, FROZEN (DINNERS BREADED, RAW AND COOKED)	DO	(1)	(1)	-	-
POLLOCK:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	2,678,318	747,712	-	-
CANNED (FLAKES)	STANDARD CASES	(1)	(1)	-	-
SMOKED.	POUNDS	(1)	(1)	-	-
SABLEFISH, SMOKED	DO	(1)	(1)	-	-
SALMON:					
STEAKS, FRESH AND FROZEN.	DO	77,935	71,763	-	-
SPECIALTIES, FROZEN (PATTIES BREADED, RAW AND COOKED)	DO	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
SHAD FILLETS, FRESH (BONED)	POUNDS	-	-	31,815	$63,947
SMELT, BREADED AND COOKED, FROZEN	DO	(1)	(1)	-	-
SWORDFISH:					
STEAKS:					
FRESH	DO	397,776	$306,838	-	-
FROZEN	DO	578,319	461,040	-	-
SPECIALTIES, FROZEN (IN LEMON BUTTER SAUCE)	DO	(1)	(1)	-	-
OIL, LIVER	1,000 POUNDS	(1)	(1)	-	-
TUNA:					
SPECIALTIES, FROZEN (WITH NOODLES)	POUNDS	(1)	(1)	-	-
CANNED, SPECIALTIES (CREAMED AND SPREADS)	STANDARD CASES	(1)	(1)	-	-
OIL, LIVER	1,000 POUNDS	(1)	(1)	-	-
WHITEFISH, SMOKED	POUNDS	(1)	(1)	-	-
WHITING, FRESH AND FROZEN:					
HEADED AND DRESSED	DO	19,208,417	2,335,885	-	-
FILLETS	DO	1,503,323	402,174	-	-
SPECIALTIES (CRISPS, BREADED AND COOKED)	DO	(1)	(1)	-	-
WOLFFISH FILLETS, FRESH AND FROZEN	DO	171,553	65,671	-	-
CRABS:					
ROCK:					
COOKED MEAT, FRESH	DO	37,200	90,400	-	-
SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED)	DO	(1)	(1)	-	-
KING, SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED)	DO	(1)	(1)	-	-
LOBSTERS, NORTHERN:					
FRESH AND FROZEN:					
COOKED MEAT	DO	659,070	1,922,124	82,970	365,987
WHOLE	DO	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (DIPS, SPREADS, BISQUE, ETC.)	DO	-	-	(1)	(1)
SHRIMP, FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	(1)	(1)	-	-
PEELED (INCLUDING DEVEINED):					
RAW	DO	(1)	(1)	-	-
COOKED	DO	3,977,000	7,740,000	-	-
BREADED, RAW AND COOKED	DO	211,705	309,822	-	-
SPECIALTIES (CROQUETTES, DINNERS, PATTIES, COCKTAILS, ETC.)	DO	3,897,049	3,218,053	-	-
CLAMS:					
FRESH AND FROZEN:					
BAIT	DO	(1)	(1)	-	-
SHUCKED:					
HARD AND SURF (INCLUDES OCEAN QUAHOGS)	GALLONS	73,780	235,454	456,556	1,800,490
SOFT	DO	81,715	641,359	(1)	(1)
BREADED, RAW AND COOKED	POUNDS	(1)	(1)	(1)	(1)
SPECIALTIES:					
STUFFED ON HALF SHELL	DO	365,516	325,696	-	-
OTHER (CHOWDER,AND CHOWDER BASE, COOKED, ETC.)	DO	2,379,278	2,036,391	(1)	(1)
CANNED:					
CHOWDER AND JUICE	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES (CRISPS, A LA KING, IN SHELL, ETC.)	DO	(1)	(1)	(1)	(1)
CONCH MEATS, FRESH AND FROZEN	POUNDS	-	-	(1)	(1)
OYSTER SPECIALTIES, FROZEN (STEWS)	DO	(1)	(1)	-	-
SCALLOPS, FRESH AND FROZEN:					
BAY, SHUCKED	GALLONS	59,320	822,447	-	-
SEA:					
SHUCKED	POUNDS	2,086,376	2,422,133	-	-
BREADED:					
RAW	DO	916,472	1,075,521	(1)	(1)
COOKED	DO	2,921,017	3,508,613	-	-
SPECIALTIES (DINNERS AND IN SAUCES)	DO	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED FISH:					
STICKS, BREADED:					
RAW	DO	1,044,860	409,346	-	-
COOKED	DO	34,723,219	15,666,697	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:					
FRESH AND FROZEN - CONTINUED:					
PORTIONS:					
RAW:					
NOT BREADED	POUNDS	1,501,539	$647,946	-	-
BREADED	DO	45,468,448	17,328,803	-	-
BREADED AND COOKED.	DO	16,910,177	6,877,353	-	-
CAKES, BREADED AND COOKED	DO	4,621,423	1,773,972	-	-
DINNERS, BREADED AND COOKED . . .	DO	11,878,839	7,703,132	-	-
FISH AND SHELLFISH.	DO	10,542,010	6,169,167	628,697	$ 478,020
CANNED.	STANDARD CASES	2,688,535	24,370,817	(4)	(4)
CURED	POUNDS	1,169,200	1,452,003	-	-
INDUSTRIAL.	-	-	1,344,469	-	545,980
TOTAL	-	-	146,373,640	-	3,772,200

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

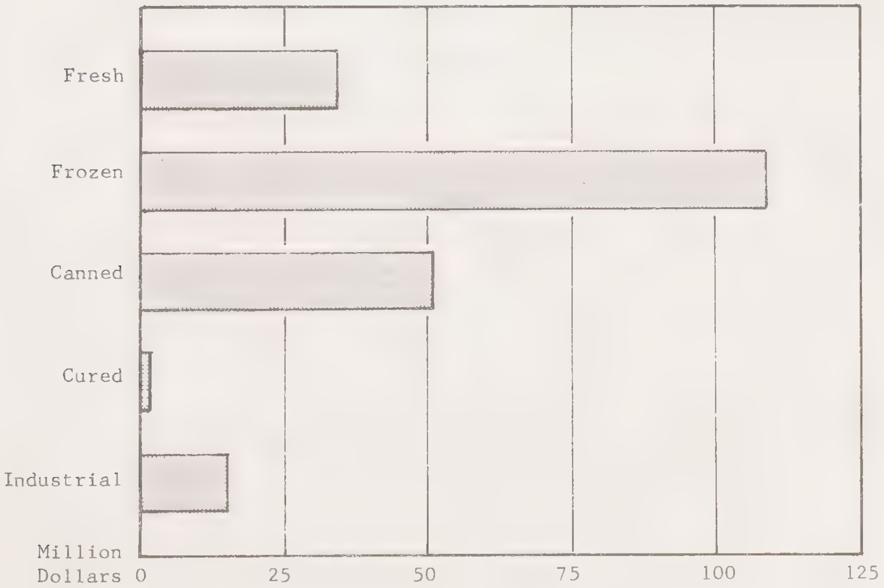
2/ THE PRODUCTION OF STEAKS HAS BEEN INCLUDED WITH THE FILLET PRODUCTION.

3/ THE PRODUCTION OF PEELED RAW SHRIMP AND STICKS AND PORTIONS HAS BEEN INCLUDED WITH MAINE.

4/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

VALUE OF NEW ENGLAND PROCESSED PRODUCTS, 1968



NEW ENGLAND FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	34,819
FROZEN	109,536
CANNED	50,199
CURED	1,685
INDUSTRIAL	15,190
TOTAL	211,429

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
MAINE	51,656
NEW HAMPSHIRE	9,627
MASSACHUSETTS	146,374
RHODE ISLAND	3,512
CONNECTICUT	260
TOTAL	211,429

WHOLESALING AND PROCESSING, 1968

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECTI-CUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:						
ESTABLISHMENTS	240	13	237	33	11	534
PERSONS ENGAGED:						
AVERAGE FOR SEASON	6,220	386	5,602	318	51	12,577
AVERAGE FOR YEAR	3,867	315	4,744	255	44	9,225

NEW ENGLAND FISHERIES

MAINE

OPERATING UNITS BY GEAR, 1968

ITEM	STOP SEINES	PURSE SEINES, HERRING	BAG NETS	OTTER TRAWLS		WEIRS	FLOATING TRAPS
				FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	56	56	-	305	171	-	-
ON BOATS AND SHORE:							
REGULAR	126	6	1	63	80	71	8
CASUAL.	230	20	3	39	79	62	14
TOTAL	412	82	4	407	330	133	22
VESSELS, MOTOR.	14	11	-	93	79	-	-
GROSS TONNAGE	239	617	-	6,541	2,303	-	-
BOATS:							
MOTOR	96	19	4	56	62	71	8
OTHER	101	17	-	-	-	50	8
GEAR:							
NUMBER.	97	17	4	149	141	71	8
LENGTH, YARDS	38,900	6,150	-	-	-	-	-
YARDS AT MOUTH.	-	-	-	2,837	2,160	-	-

ITEM	POTS AND TRAPS			GILL NETS, ANCHOR, SET OR STAKE	LINES		DIP NETS, COMMON
	CRAB	LOBSTER	BOX TRAPS		HAND	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	38	-	11	1	10	-
ON BOATS AND SHORE:							
REGULAR	2	3,039	2	4	98	30	-
CASUAL.	2	2,450	7	2	224	24	101
TOTAL	4	5,527	9	17	323	64	101
VESSELS, MOTOR.	-	37	-	4	1	2	-
GROSS TONNAGE	-	419	-	116	13	192	-
BOATS:							
MOTOR	2	5,155	2	3	125	30	-
OTHER	-	3	1	-	-	-	-
GEAR:							
NUMBER.	300	747,580	6	7	323	32	101
SQUARE YARDS.	-	-	-	50,440	-	-	-
HOOK OR BAITS	-	-	-	-	323	101,400	-

ITEM	HARPOONS	DREDGES, SCALLOP, SEA	RAKES	HOES	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	1	-	-	-	-	-	472
ON BOATS AND SHORE:							
REGULAR	9	48	-	1,275	-	26	3,741
CASUAL.	34	30	415	1,421	5	70	3,889
TOTAL	44	78	415	2,696	5	96	8,102
VESSELS, MOTOR.	1	-	-	-	-	-	157
GROSS TONNAGE	13	-	-	-	-	-	8,031
BOATS:							
MOTOR	22	46	219	-	2	-	5,421
OTHER	-	-	-	-	-	-	158
GEAR:							
NUMBER.	23	46	415	2,696	5	-	-
YARDS AT MOUTH.	-	60	-	-	-	-	-

NEW ENGLAND FISHERIES

MAINE - CATCH BY GEAR, 1968

SPECIES	STOP SEINES		PURSE SEINES, HERRING		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA.	34,580,700	$849,737	20,158,700	$458,122	-	-
SMELT	-	-	-	-	39,400	$7,208
TOTAL	34,580,700	849,737	20,158,700	458,122	39,400	7,208

SPECIES	OTTER TRAWLS				WEIRS	
	FISH		SHRIMP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	1,843,700	$92,880	-	-	-	-
CUSK.	57,700	3,561	-	-	-	-
FLOUNDERS:						
BLACKBACK	41,700	2,465	-	-	-	-
DAB	559,700	31,578	-	-	-	-
GRAY SOLE	799,500	73,842	-	-	-	-
LEMON SOLE.	15,300	723	-	-	-	-
YELLOWTAIL	12,900	904	-	-	-	-
HADDOCK	1,713,200	181,805	-	-	-	-
HAKE, WHITE	471,300	20,413	-	-	-	-
HALIBUT	48,700	19,949	-	-	-	-
HERRING, SEA.	200	9	-	-	14,956,200	$360,384
MACKEREL, ATLANTIC. . . .	-	-	-	-	69,100	3,702
OCEAN PERCH	57,749,700	2,240,073	-	-	-	-
POLLOCK	623,600	25,130	-	-	-	-
STURGEON, COMMON.	500	31	-	-	-	-
WHITING	28,916,000	816,536	-	-	-	-
WOLFFISH.	14,300	451	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	1,175,200	86,171	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD.	113,500	1,554	-	-	-	-
SHRIMP.	-	-	14,363,400	$1,589,973	-	-
TOTAL	94,156,700	3,598,075	14,363,400	1,589,973	15,025,300	364,086

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			CRAB		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH.	1,100	$87	-	-	-	-
HERRING, SEA.	7,600	[illegible]	-	-	-	-
MACKEREL, ATLANTIC. . . .	318,600	13,426	-	-	-	-
SALMON, ATLANTIC.	100	[illegible]	-	-	-	-
SHAD.	2,300	14	-	-	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	1,300	27	-	-	-	-
CRABS:						
GREEN	-	-	1,500	$150	-	-
ROCK.	-	-	-	-	1,452,600	$77,275
LOBSTERS, NORTHERN. . . .	-	-	-	-	20,501,800	14,931,671
SQUID	4,400	286	-	-	-	-
TOTAL	335,400	14,122	1,500	150	21,954,400	15,008,946

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR SET OR STAKE		LINES	
	BOX TRAPS				HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	2,157,300	$101,878	711,700	$27,233
CUSK.	-	-	10,300	569	2,600	217
EEL, COMMON	65,500	$14,248	-	-	-	-
FLOUNDERS:						
BLACKBACK	-	-	-	-	200	10
DAB	-	-	200	12	-	-
YELLOWTAIL.	-	-	-	-	200	11
HADDOCK	-	-	34,800	3,851	9,700	831
HAKE, WHITE	-	-	237,900	8,572	1,600	75
HALIBUT	-	-	1,100	541	4,300	1,524
POLLOCK	-	-	705,600	28,144	39,300	1,119
SMELT	-	-	-	-	43,600	10,319
STRIPED BASS.	-	-	4,600	1,150	-	-
STURGEON, COMMON.	-	-	100	9	-	-
TUNA, BLUEFIN	-	-	-	-	600	31
UNCLASSIFIED, FOR FOOD. .	-	-	-	-	1,400	96
TOTAL	65,500	14,248	3,151,900	144,726	815,200	41,466

(CONTINUED ON NEXT PAGE)

MAINE - CATCH BY GEAR, 1968 - Continued

SPECIES	LINES - CONTINUED LONG OR SET WITH HOOKS		DIP NETS, COMMON		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	2,249,400	$43,813	-	-
COD	324,100	$13,188	-	-	-	-
CUSK	60,100	3,074	-	-	-	-
FLOUNDERS:						
BLACKBACK	2,700	160	-	-	-	-
DAB	600	37	-	-	-	-
GRAY SOLE	1,400	91	-	-	-	-
HADDOCK	32,800	3,040	-	-	-	-
HAKE, WHITE	544,700	24,380	-	-	-	-
HALIBUT	10,500	4,029	-	-	-	-
POLLOCK	29,800	790	-	-	-	-
SMELT	-	-	3,500	694	-	-
SWORDFISH	89,400	38,758	-	-	-	-
TUNA, BLUEFIN	1,200	116	-	-	36,000	$2,618
SEA URCHINS	-	-	82,700	3,180	-	-
TOTAL	1,097,300	87,663	2,335,600	47,687	36,000	2,618

SPECIES	DREDGES, SCALLOP, SEA		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	-	-	-	-	800	$668
SOFT, PUBLIC	-	-	-	-	3,332,000	1,388,102
MUSSELS, SEA	-	-	-	-	389,400	30,978
SCALLOPS, SEA	219,500	$217,345	-	-	-	-
IRISH MOSS	-	-	5,100,000	$153,000	-	-
BLOODWORMS	-	-	-	-	831,600	1,049,581
SANDWORMS	-	-	-	-	695,900	533,358
TOTAL	219,500	217,345	5,100,000	153,000	5,249,700	3,002,687

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PUBLIC, SPRING	400	$470	-	-
PERIWINKLES AND COCKLES	-	-	44,700	$11,240
TOTAL	400	470	44,700	11,240

LOBSTER POT

NEW ENGLAND FISHERIES

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	BAG NETS	OTTER TRAWLS		WEIRS
			FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	-	-	3	3	-
CASUAL	4	11	-	2	6
TOTAL	4	11	3	5	6
BOATS:					
MOTOR	-	-	1	2	3
OTHER	2	-	-	-	1
GEAR:					
NUMBER	2	10	1	2	5
LENGTH, YARDS	100	-	-	-	-
YARDS AT MOUTH	-	-	20	35	-

ITEM	POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE	LINES	
	CRAB	LOBSTER		HAND	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	5	74	2	2	4
CASUAL	6	143	1	115	-
TOTAL	11	217	3	117	4
BOATS:					
MOTOR	8	158	1	1	2
OTHER	-	6	-	-	-
GEAR:					
NUMBER	170	16,380	1	347	2
SQUARE YARDS	-	-	5,000	-	-
HOOKS OR BAITS	-	-	-	1,040	4,250

ITEM	DIP NETS, COMMON	HARPOONS	SPEARS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	-	-	-	-	74
CASUAL	10	10	10	31	291
TOTAL	10	10	10	31	365
BOATS:					
MOTOR	-	4	-	-	167
OTHER	-	-	-	-	9
GEAR, NUMBER	10	4	10	31	-

NEW HAMPSHIRE - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		BAG NETS		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	25,000	$2,250
FLOUNDERS:						
DAB	-	-	-	-	6,000	540
GRAY SOLE	-	-	-	-	5,500	715
HADDOCK	-	-	-	-	4,000	480
HAKE, WHITE	-	-	-	-	800	56
LAUNCE	12,000	$1,560	-	-	-	-
OCEAN PERCH	-	-	-	-	4,000	80
SMELT	-	-	10,000	$4,200	-	-
WHITING	-	-	-	-	15,000	225
UNCLASSIFIED, FOR FOOD	-	-	-	-	5,000	400
TOTAL	12,000	1,560	10,000	4,200	65,300	4,746

(CONTINUED ON NEXT PAGE)

NEW HAMPSHIRE - CATCH BY GEAR, 1968 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		WEIRS		POTS AND TRAPS	
	SHRIMP				CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	35,000	$875	-	-
COD	10,000	$1,000	-	-	-	-
EEL, COMMON	-	-	35,000	805	-	-
FLOUNDERS:						
DAB	3,500	315	-	-	-	-
GRAY SOLE	3,500	560	-	-	-	-
HADDOCK	2,000	300	-	-	-	-
HAKE, WHITE	500	40	-	-	-	-
SMELT	-	-	10,000	2,500	-	-
UNCLASSIFIED, FOR FOOD	3,500	315	-	-	-	-
CRABS, GREEN	-	-	-	-	29,200	$3,088
SHRIMP	95,000	10,450	-	-	-	-
TOTAL	118,000	12,980	80,000	4,180	29,200	3,088

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET OR STAKE		LINES	
	LOBSTER				HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	65,000	$5,850	4,000	$360
HADDOCK	-	-	2,800	392	-	-
HAKE, WHITE	-	-	300	21	-	-
POLLOCK	-	-	3,500	245	500	25
SMELT	-	-	-	-	37,500	15,000
STRIPED BASS	-	-	-	-	10,000	2,000
STURGEON, COMMON	-	-	200	24	-	-
CRABS, ROCK	12,000	$1,200	-	-	-	-
LOBSTERS, NORTHERN	755,000	596,450	-	-	-	-
TOTAL	767,000	597,650	71,800	6,532	52,000	17,385

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		HARPOONS	
	LONG OR SET WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	5,600	$168	-	-
COD	5,000	$450	-	-	-	-
CUSK	1,000	50	-	-	-	-
HADDOCK	3,000	360	-	-	-	-
HAKE, WHITE	200	12	-	-	-	-
HALIBUT	500	225	-	-	-	-
POLLOCK	300	18	-	-	-	-
SMELT	-	-	4,000	800	-	-
TUNA, BLUEFIN	-	-	-	-	6,000	$480
TOTAL	10,000	1,115	9,600	968	6,000	480

SPECIES	SPEARS		HOES	
	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	1,200	$240	-	-
SANDWORMS	-	-	11,500	$10,450
TOTAL	1,200	240	11,500	10,450

NEW ENGLAND FISHERIES

MASSACHUSETTS

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES		PURSE SEINES			OTTER TRAWLS
	COMMON	DANISH	HERRING	MACKEREL	TUNA	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	4	65	31	43	2,126
ON BOATS AND SHORE:						
REGULAR	1	-	-	-	-	-
CASUAL.	9	-	-	-	-	1
TOTAL	10	4	65	31	43	2,127
VESSELS, MOTOR.	-	1	6	3	4	355
GROSS TONNAGE	-	42	767	346	530	28,446
BOATS:						
MOTOR	1	-	6	3	4	1
OTHER	4	-	-	-	-	-
GEAR:						
NUMBER.	5	1	6	3	4	356
LENGTH, YARDS	242	30	2,650	1,200	2,900	-
YARDS AT MOUTH.	-	-	-	-	-	9,682

ITEM	OTTER TRAWLS-CONTINUED	POUND NETS, FISH	FLOATING TRAPS	POTS AND TRAPS		
	LOBSTER			CONCH	CRAB	EEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	227	5	3	2	-	-
ON BOATS AND SHORE:						
REGULAR	-	20	15	6	1	8
CASUAL.	-	-	4	-	-	6
TOTAL	227	25	22	8	1	14
VESSELS, MOTOR.	39	1	1	1	-	-
GROSS TONNAGE	3,382	7	12	14	-	-
BOATS:						
MOTOR	-	6	6	6	1	14
OTHER	-	7	8	-	-	-
GEAR:						
NUMBER.	39	22	9	250	20	230
YARDS AT MOUTH.	1,105	-	-	-	-	-

ITEM	POTS AND TRAPS CONTINUED	GILL NETS		LINES		
	LOBSTER	ANCHOR, SET OR STAKE	DRIFT	HAND	TROLL	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	21	26	-	3	-	47
ON BOATS AND SHORE:						
REGULAR	587	33	2	120	-	130
CASUAL.	647	8	12	1,440	3	26
TOTAL	1,255	67	14	1,563	3	203
VESSELS, MOTOR.	3	7	-	1	-	9
GROSS TONNAGE	553	163	-	28	-	386
BOATS:						
MOTOR	1,035	15	13	643	1	75
OTHER	54	-	-	-	-	-
GEAR:						
NUMBER.	130,829	22	135	1,750	3	84
SQUARE YARDS.	-	130,700	80,040	-	-	-
HOOKS OR BAITS.	-	-	-	3,031	3	227,930

ITEM	DIP NETS, COMMON	HARPOONS		SPEARS	DREDGES	
		SWORDFISH	OTHER		CLAM	MUSSEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	23	-	-	33	2
ON BOATS AND SHORE:						
REGULAR	7	2	4	28	1	3
CASUAL.	77	26	31	31	13	5
TOTAL	84	51	35	59	47	10

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	DIP NETS, COMMON	HARPOONS		SPEARS	DREDGES	
		SWORDFISH	OTHER		CLAM	MUSSEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR.	-	6	-	-	16	1
GROSS TONNAGE	-	202	-	-	277	6
BOATS:						
MOTOR	82	10	16	1	8	7
OTHER	-	9	-	1	-	-
GEAR:						
NUMBER.	84	16	16	59	24	14
YARDS AT MOUTH.	-	-	-	-	32	14

ITEM	DREDGES - CONTINUED			TONGS		RAKES
	OYSTER, COMMON	SCALLOP		OYSTER	OTHER	OYSTER
		BAY	SEA			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	645	-	-	-
ON BOATS AND SHORE:						
REGULAR	1	[illegible]	-	8	33	3
CASUAL.	4	[illegible]	-	[illegible]	54	-
TOTAL	5	[illegible]	645	15	87	3
VESSELS, MOTOR.	-	-	65	-	-	-
GROSS TONNAGE	-	-	7,054	-	-	-
BOATS:						
MOTOR	3	566	-	8	82	2
OTHER	-	-	-	1	-	1
GEAR:						
NUMBER.	3	1,431	119	15	87	3
YARDS AT MOUTH.	3	1,168	479	-	-	-

ITEM	RAKES - CONTINUED	HOES	FORKS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	2,866
ON BOATS AND SHORE:						
REGULAR	86	81	4	18	-	935
CASUAL.	870	588	30	124	119	3,859
TOTAL	956	669	34	142	119	7,660
VESSELS, MOTOR.	-	-	-	-	-	438
GROSS TONNAGE	-	-	-	-	-	36,300
BOATS:						
MOTOR	567	-	2	72	-	2,558
OTHER	-	-	-	9	-	86
GEAR, NUMBER.	956	669	34	142	-	-

MASSACHUSETTS - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES				PURSE SEINES	
	COMMON		DANISH		HERRING	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	102,500	$2,050	-	-	-	-
COD	-	-	200	$15	-	-
FLOUNDERS:						
BLACKBACK	-	-	100	7	-	-
FLUKE	-	-	400	26	-	-
GRAY SOLE	-	-	3,100	269	-	-
YELLOWTAIL.	-	-	1,000	68	-	-
HADDOCK	-	-	300	21	-	-
HERRING, SEA.	-	-	-	-	21,059,300	$210,087
LAUNCE.	24,500	3,920	-	-	-	-
MACKEREL, ATLANTIC.	-	-	-	-	48,200	722
TUNA, BLUEFIN	-	-	-	-	94,000	6,580
WHITING	-	-	3,900	140	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD. . .	-	-	-	-	1,069,400	17,415
TOTAL	127,000	5,970	9,000	546	22,270,900	234,804

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - CATCH BY GEAR, 1968 - Continued

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS	
	MACKEREL		TUNA		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	-	-	295,700	$21,298
BUTTERFISH	-	-	-	-	21,900	2,106
COD	-	-	-	-	36,562,100	2,703,624
CUSK	-	-	-	-	1,043,400	68,333
FLOUNDERS:						
BLACKBACK	-	-	-	-	11,827,100	1,566,368
DAB	-	-	-	-	5,258,500	625,103
FLUKE	-	-	-	-	148,900	60,442
GRAY SOLE	-	-	-	-	5,043,200	670,835
LEMON SOLE	-	-	-	-	1,314,300	312,804
YELLOWTAIL	-	-	-	-	57,697,400	5,992,941
HADDOCK	-	-	-	-	67,093,700	8,889,069
HAKE:						
RED	-	-	-	-	203,700	3,469
WHITE	-	-	-	-	1,351,000	91,670
HALIBUT	-	-	-	-	91,300	34,800
HERRING, SEA	-	-	-	-	41,600	2,162
MACKEREL, ATLANTIC	1,140,600	$21,488	-	-	42,700	4,431
OCEAN PERCH	-	-	-	-	3,568,500	136,536
POLLOCK	-	-	-	-	4,936,800	317,950
SCUP OR PORGY	-	-	-	-	244,600	21,224
SEA BASS, BLACK	-	-	-	-	6,100	2,218
SHARKS, GRAYFISH	-	-	-	-	200	9
SKATE	-	-	-	-	78,900	3,491
STRIPED BASS	-	-	-	-	100	41
STURGEON, COMMON	-	-	-	-	2,100	264
TAUTOG	-	-	-	-	6,100	292
TILEFISH	-	-	-	-	2,700	303
TUNA, BLUEFIN	-	-	1,288,900	$167,279	-	-
WHITING	-	-	-	-	40,490,900	1,383,623
WOLFFISH	-	-	-	-	467,800	23,165
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	6,016,000	521,063
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	36,861,100	433,353
CRABS, ROCK	-	-	-	-	3,300	520
LOBSTERS, NORTHERN	-	-	-	-	138,000	117,537
SHRIMP	-	-	-	-	114,400	10,980
SCALLOPS, SEA	-	-	-	-	1,900	529
SQUID	-	-	-	-	34,900	2,933
TOTAL	1,140,600	21,488	1,288,900	167,279	281,010,900	24,025,486

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FLOATING TRAPS	
	LOBSTER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	3,900	$427	-	-
BONITO	-	-	11,800	2,196	-	-
BUTTERFISH	-	-	21,200	3,316	500	$60
COD	5,000	$226	8,500	583	1,200	96
FLOUNDERS:						
BLACKBACK	22,000	3,351	1,200	65	-	-
FLUKE	800	354	1,100	286	-	-
GRAY SOLE	3,000	535	-	-	-	-
LEMON SOLE	2,800	720	-	-	-	-
YELLOWTAIL	49,000	4,783	-	-	-	-
HADDOCK	9,500	832	-	-	-	-
HAKE, WHITE	600	37	-	-	-	-
HERRING, SEA	-	-	579,000	12,196	42,600	640
MACKEREL, ATLANTIC	-	-	1,652,000	92,097	1,216,200	86,195
MENHADEN	-	-	7,600	112	-	-
POLLOCK	-	-	83,000	1,594	15,900	389
SCUP OR PORGY	-	-	440,800	68,629	-	-
SEA BASS, BLACK	-	-	2,000	511	-	-
SHAD	-	-	2,000	187	200	10
SHARKS, UNCLASSIFIED	-	-	100	4	-	-
STRIPED BASS	-	-	18,700	3,749	900	201
STURGEON, COMMON	-	-	100	12	-	-
TAUTOG	-	-	2,800	112	-	-
TUNA, BLUEFIN	-	-	46,200	6,425	-	-
WHITING	-	-	-	-	400	12
UNCLASSIFIED:						
FOR FOOD	3,500	420	2,000	139	12,600	984
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	4,000	60
LOBSTERS, NORTHERN	1,169,700	1,005,231	-	-	-	-
SQUID	-	-	674,600	41,891	400	20
TOTAL	1,265,900	1,016,489	3,558,600	234,531	1,294,900	88,667

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - CATCH BY GEAR, 1968 - Continued

SPECIES	POTS AND TRAPS					
	CONCH		CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	-	-	-	-	13,700	$3,865
CRABS, GREEN	-	-	200	$26	-	-
CONCHS	23,700	$6,150	-	-	-	-
TOTAL	23,700	6,150	200	26	13,700	3,865

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER		ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	1,142,000	$75,304	-	-
FLOUNDERS:						
BLACKBACK	-	-	93,000	9,331	-	-
DAB	-	-	100	5	-	-
HADDOCK	-	-	43,300	5,140	-	-
HAKE, WHITE	-	-	16,600	802	-	-
HALIBUT	-	-	800	333	-	-
MACKEREL, ATLANTIC	-	-	-	-	188,800	$27,955
POLLOCK	-	-	385,400	15,458	-	-
SHARKS, UNCLASSIFIED	-	-	200	12	-	-
STURGEON, COMMON	-	-	1,100	134	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	775,100	67,395	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	137,000	1,233	-	-
CRABS, ROCK	20,200	$2,743	-	-	-	-
LOBSTERS, NORTHERN	3,455,000	3,076,421	-	-	-	-
TOTAL	3,475,200	3,079,164	2,594,600	175,147	188,800	27,955

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	82,900	$13,501	-	-	200	$49
COD	1,192,200	59,288	-	-	2,245,500	137,672
CUSK	2,800	106	-	-	170,700	8,649
EEL, COMMON	200	30	-	-	800	152
FLOUNDERS:						
BLACKBACK	3,700	266	-	-	32,200	5,798
DAB	-	-	-	-	300	19
GRAY SOLE	300	7	-	-	-	-
LEMON SOLE	200	18	-	-	100	6
HADDOCK	47,000	4,996	-	-	1,283,600	160,968
HAKE:						
RED	100	9	-	-	200	27
WHITE	5,000	166	-	-	40,400	2,057
HALIBUT	1,000	563	-	-	92,500	53,000
MACKEREL, ATLANTIC	32,000	3,689	-	-	200	23
OCEAN PERCH	-	-	-	-	100	4
POLLOCK	99,700	3,778	-	-	67,700	3,073
SCUP OR PORGY	600	140	-	-	-	-
SEA BASS, BLACK	400	126	-	-	-	-
SHARKS:						
GRAYFISH	-	-	-	-	400	8
UNCLASSIFIED	200	14	-	-	400	19
SMELT	5,700	2,336	-	-	-	-
STRIPED BASS	854,400	161,553	-	-	100	38
SWORDFISH	-	-	-	-	77,500	35,308
TAUTOG	1,300	78	-	-	-	-
TUNA, BLUEFIN	18,700	2,813	600	$54	2,000	437
WHITE PERCH	1,100	212	-	-	-	-
WOLFFISH	600	19	-	-	6,300	267
UNCLASSIFIED, FOR FOOD	73,900	5,974	-	-	124,900	11,876
TOTAL	2,424,000	259,682	600	54	4,146,100	419,450

SPECIES	DIP NETS, COMMON		HARPOONS			
			SWORDFISH		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	14,200	$284	-	-	-	-
SWORDFISH	-	-	186,000	$98,216	-	-
TUNA, BLUEFIN	-	-	53,900	3,989	38,500	$3,465
SCALLOPS, BAY	18,900	28,287	-	-	-	-
TOTAL	33,100	28,571	239,900	102,205	38,500	3,465

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

MASSACHUSETTS - CATCH BY GEAR, 1968 - Continued

SPECIES	SPEARS		DREDGES			
			CLAM		MUSSEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	30,400	$7,235	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	335,200	$149,187	-	-
OCEAN QUAHOG	-	-	20,000	2,500	-	-
SURF	-	-	11,700	2,658	-	-
CONCHS	-	-	18,000	4,800	-	-
MUSSELS, SEA	-	-	-	-	61,400	$9,336
TOTAL	30,400	7,235	384,900	159,145	61,400	9,336

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	-	-	2,700	$204
COD	-	-	-	-	100	5
FLOUNDERS:						
BLACKBACK	-	-	-	-	16,500	2,029
FLUKE	-	-	-	-	12,000	2,382
GRAY SOLE	-	-	-	-	700	55
LEMON SOLE	-	-	-	-	3,000	639
YELLOWTAIL	-	-	-	-	13,800	941
HADDOCK	-	-	-	-	300	13
OYSTERS, PRIVATE:						
SPRING	900	$2,500	-	-	-	-
FALL	1,700	4,560	-	-	-	-
SCALLOPS:						
BAY	-	-	470,000	$743,739	-	-
SEA	-	-	-	-	7,703,200	8,618,633
TOTAL	2,600	7,060	470,000	743,739	7,752,300	8,624,901

SPECIES	TONGS				RAKES	
	OYSTER		OTHER		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:						
PUBLIC	-	-	53,100	$48,700	-	-
PRIVATE	-	-	49,500	65,025	-	-
CONCHS	-	-	13,500	3,850	-	-
OYSTERS:						
PUBLIC:						
SPRING	1,000	$1,932	-	-	-	-
FALL	1,000	1,932	-	-	-	-
PRIVATE:						
SPRING	21,200	43,750	-	-	600	$1,500
FALL	38,300	93,500	-	-	1,300	3,600
TOTAL	61,500	141,114	116,100	117,575	1,900	5,100

SPECIES	RAKES - CONTINUED		HOES		FORKS	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD:						
PUBLIC	691,000	$794,269	-	-	-	-
PRIVATE	22,000	18,000	-	-	-	-
RAZOR	2,900	900	2,900	$2,245	-	-
SOFT, PUBLIC	39,900	35,573	1,064,600	732,289	25,200	$20,280
SURF	-	-	6,600	2,400	-	-
CONCHS	1,500	400	-	-	-	-
MUSSELS, SEA	21,200	3,137	-	-	20,000	4,000
OYSTERS:						
PUBLIC:						
SPRING	500	280	-	-	1,400	4,400
FALL	-	-	-	-	2,300	7,000
PRIVATE:						
SPRING	-	-	-	-	600	2,000
FALL	-	-	-	-	1,300	4,000
SCALLOPS, BAY	2,400	3,490	-	-	-	-
IRISH MOSS	2,200,000	66,000	-	-	-	-
BLOODWORMS	-	-	1,000	1,400	-	-
SANDWORMS	-	-	87,200	114,785	-	-
TOTAL	2,981,400	922,049	1,162,300	853,119	50,800	41,680

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, NORTHERN	54,500	$50,285	-	-
CONCHS	-	-	5,200	$1,400
TOTAL	54,500	50,285	5,200	1,400

NEW ENGLAND FISHERIES

RHODE ISLAND

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES		OTTER TRAWLS		POUND NETS, FISH	FLOATING TRAPS
	COMMON	DANISH	FISH	LOBSTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	4	226	230	-	128
ON BOATS AND SHORE:						
REGULAR	4	-	2	-	1	-
CASUAL	5	-	6	-	1	-
TOTAL	9	4	234	230	2	128
VESSELS, MOTOR	-	1	69	49	-	11
GROSS TONNAGE	-	51	2,711	3,972	-	307
BOATS:						
MOTOR	2	-	4	-	1	-
OTHER	3	-	-	-	-	28
GEAR:						
NUMBER	4	1	73	49	1	25
LENGTH, YARDS	558	30	-	-	-	-
YARDS AT MOUTH	-	-	1,867	1,433	-	-

ITEM	POTS AND TRAPS				LINES	
	CONCH	CRAB	EEL	LOBSTER	HAND	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	3	-	-	4	10	2
ON BOATS AND SHORE:						
REGULAR	7	1	7	86	19	5
CASUAL	-	-	1	78	276	23
TOTAL	10	1	8	168	305	30
VESSELS, MOTOR	2	-	-	2	5	1
GROSS TONNAGE	18	-	-	22	62	9
BOATS, MOTOR	7	1	8	140	71	24
GEAR:						
NUMBER	725	140	360	19,003	317	30
HOOKS OR BAITS	-	-	-	-	534	30

ITEM	LINES - CONTINUED	HARPOONS	SPEARS	DREDGES		TONGS
	LONG OR SET WITH HOOKS			CLAM	SCALLOP, SEA	OYSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	7	22	-	16	19	-
ON BOATS AND SHORE:						
REGULAR	-	-	-	4	-	3
CASUAL	-	-	1	2	-	1
TOTAL	7	22	1	22	19	4
VESSELS, MOTOR	1	5	-	7	2	-
GROSS TONNAGE	170	278	-	165	207	-
BOATS:						
MOTOR	-	-	-	3	-	4
OTHER	-	6	-	-	-	-
GEAR:						
NUMBER	1	5	1	10	4	4
YARDS AT MOUTH	-	-	-	10	17	-
HOOKS OR BAITS	1,000	-	-	-	-	-

ITEM	TONGS - CONTINUED	RAKES	HOES	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	-	548
ON BOATS AND SHORE:					
REGULAR	219	54	18	1	314
CASUAL	454	114	29	-	875
TOTAL	673	168	47	1	1,737
VESSELS, MOTOR	-	-	-	-	125
GROSS TONNAGE	-	-	-	-	6,373
BOATS:					
MOTOR	673	168	5	1	913
OTHER	-	-	-	-	34
GEAR, NUMBER	673	168	45	1	-

RHODE ISLAND - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES				OTTER TRAWLS	
	COMMON		DANISH		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	168,000	$2,400	-	-	-	-
ANGLERFISH	-	-	-	-	1,200	$31
BLUEFISH	-	-	-	-	11,500	1,734
BONITO	-	-	-	-	100	11
BUTTERFISH	-	-	-	-	879,300	126,935
COD	-	-	900	$75	1,673,900	113,298
CUSK	-	-	-	-	1,300	43
EEL, CONGER	-	-	-	-	6,800	481
FLOUNDERS:						
BLACKBACK	-	-	-	-	3,359,200	279,847
DAB	-	-	-	-	103,800	9,617
FLUKE	-	-	-	-	333,400	133,926
GRAY SOLE	-	-	-	-	354,200	37,930
LEMON SOLE	-	-	-	-	74,600	21,626
YELLOWTAIL	-	-	102,600	6,803	6,421,400	566,288
HADDOCK	-	-	-	-	348,400	37,020
HAKE:						
RED	-	-	-	-	342,100	11,859
WHITE	-	-	-	-	106,000	4,831
HALIBUT	-	-	-	-	300	108
HERRING, SEA	-	-	-	-	421,400	22,798
KING WHITING OR "KINGFISH"	-	-	-	-	800	88
MACKEREL, ATLANTIC	-	-	-	-	108,300	6,459
OCEAN PERCH	-	-	-	-	200	11
OCEAN POUT	-	-	-	-	200	3
POLLOCK	-	-	-	-	5,000	321
SCUP OR PORGY	-	-	-	-	1,916,400	250,302
SEA BASS, BLACK	-	-	-	-	7,700	2,900
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	2,200	273
SHAD	-	-	-	-	1,100	14
SHARKS, UNCLASSIFIED	-	-	-	-	700	27
SMELT	1,200	300	-	-	900	192
STRIPED BASS	4,000	1,120	-	-	20,500	3,894
STURGEON, COMMON	-	-	-	-	600	60
TAUTOG	-	-	-	-	21,500	702
TILEFISH	-	-	-	-	50,000	8,376
WHITE PERCH	3,300	660	-	-	-	-
WHITING	-	-	-	-	2,148,700	117,866
WOLFFISH	-	-	-	-	400	22
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	46,700	1,664
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	41,232,400	307,629
CONCHS	-	-	-	-	200	34
SCALLOPS, SEA	-	-	-	-	600	639
SQUID	-	-	-	-	609,500	36,455
TOTAL	176,500	4,480	103,500	6,878	60,613,500	2,106,314

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FLOATING TRAPS	
	LOBSTER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	12,600	$180	22,000	$330
ANCHOVIES	-	-	-	-	23,500	2,551
BLUEFISH	-	-	-	-	38,500	6,653
BONITO	-	-	-	-	9,900	3,284
BUTTERFISH	-	-	-	-	79,200	18,706
COD	-	-	-	-	202,100	21,064
EEL, CONGER	-	-	-	-	200	21
FLOUNDERS:						
BLACKBACK	-	-	-	-	1,100	113
FLUKE	-	-	-	-	50,400	20,741
FRIGATE MACKEREL	-	-	-	-	27,800	1,527
HAKE, RED	-	-	-	-	2,100	137
HERRING, SEA	-	-	-	-	23,000	1,584
KING WHITING OR "KINGFISH"	-	-	-	-	600	107
MACKEREL, ATLANTIC	-	-	-	-	759,200	54,401
MENHADEN	-	-	-	-	14,600	224
MULLET, BLACK (LISA)	-	-	-	-	1,600	215
POLLOCK	-	-	-	-	53,200	2,801
SCUP OR PORGY	-	-	-	-	2,805,500	455,979
SEA BASS, BLACK	-	-	-	-	33,900	13,943
SEA ROBIN	-	-	-	-	224,400	4,409
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	500	68
SHAD	-	-	-	-	900	87
SHARKS:						
GRAYFISH	-	-	-	-	100	9
UNCLASSIFIED	-	-	-	-	500	29
SKATES	-	-	-	-	4,000	238
STRIPED BASS	-	-	-	-	28,900	8,908

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - CATCH BY GEAR, 1968 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FLOATING TRAPS	
	LOBSTERS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON, COMMON.	-	-	-	-	300	$42
TAUTOG.	-	-	-	-	18,800	1,211
THIMBLE-EYED MACKEREL . . .	-	-	-	-	100	11
TUNA, BLUEFIN	-	-	-	-	6,100	1,004
WHITE PERCH	-	-	5,000	$800	-	-
WHITING	-	-	-	-	23,600	1,982
UNCLASSIFIED:						
FOR FOOD.	-	-	-	-	11,300	965
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	258,600	1,816
LOBSTERS, NORTHERN.	2,353,100	$2,007,513	-	-	-	-
SQUID	-	-	-	-	386,000	31,043
TOTAL	2,353,100	2,007,513	17,600	980	5,112,500	656,203

SPECIES	POTS AND TRAPS					
	CONCH		CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	-	-	-	-	38,700	$9,145
CRABS, GREEN.	-	-	4,000	$600	-	-
CONCHS.	58,100	$18,962	-	-	-	-
TOTAL	58,100	18,962	4,000	600	38,700	9,145

SPECIES	POTS AND TRAPS - CONTINUED		LINES			
	LOBSTER		HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	-	-	30,100	$5,482	1,200	$226
COD	-	-	51,000	3,458	-	-
CUSK.	-	-	100	1	-	-
FLOUNDERS:						
BLACKBACK	-	-	900	78	-	-
FLUKE	-	-	200	79	-	-
HADDOCK	-	-	100	9	-	-
MACKEREL, ATLANTIC.	-	-	700	103	-	-
SEA BASS, BLACK	-	-	100	35	-	
STRIPED BASS.	-	-	39,200	7,503	5,400	860
TAUTOG.	-	-	2,000	198	-	-
TUNA, BLUEFIN	-	-	-	-	14,700	1,531
CRABS, ROCK	94,900	$12,700	-	-	-	-
LOBSTERS, NORTHERN.	719,700	599,311	-	-	-	-
CONCHS.	2,700	639	-	-	-	-
TOTAL	817,300	612,650	124,400	16,946	21,300	2,617

SPECIES	LINES - CONTINUED		HARPOONS		SPEARS	
	LONG OR SET WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	-	-	-	-	100	$20
SWORDFISH	16,000	$8,637	20,500	$11,218	-	-
TOTAL	16,000	8,637	20,500	11,218	100	20

SPECIES	DREDGES				TONGS	
	CLAM		SCALLOP, SEA		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	200	$11	-	-
FLOUNDERS:						
BLACKBACK	-	-	400	63	-	-
LEMON SOLE.	-	-	600	188	-	-
YELLOWTAIL.	-	-	9,200	502	-	-
CLAMS:						
HARD, PUBLIC.	1,300	$ 686	-	-	-	-
OCEAN QUAHOG.	204,700	26,697	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING.	-	-	-	-	300	$276
FALL.	-	-	-	-	400	420
SCALLOPS, SEA	-	-	11,300	12,118	-	-
TOTAL	206,000	27,383	21,700	12,882	700	696

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - CATCH BY GEAR, 1968 - Continued

SPECIES	TONGS - CONTINUED		RAKES	
	OTHER			
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	1,030,100	$591,059	257,500	$147,765
TOTAL	1,030,100	591,059	257,500	147,765

SPECIES	HOES		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, SOFT	30,900	$18,770	-	-
OYSTERS, MARKET, PUBLIC, FALL	-	-	400	$375
TOTAL	30,900	18,770	400	375

CONNECTICUT

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		FLOATING TRAPS	POTS AND TRAPS
		FISH	LOBSTER		CONCH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	3	46	12	3	-
ON BOATS AND SHORE:					
REGULAR	8	20	-	-	7
CASUAL.	3	31	-	-	2
TOTAL	14	97	12	3	9
VESSELS, MOTOR.	1	20	3	1	-
GROSS TONNAGE	11	494	183	11	-
BOATS:					
MOTOR	7	39	-	-	8
OTHER	1	-	-	-	-
GEAR:					
NUMBER.	9	59	3	1	297
LENGTH, YARDS	420	-	-	-	-
YARDS AT MOUTH.	-	933	81	-	-

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS			LINES, HAND
	EEL	LOBSTER	ANCHOR, SET OR STAKE	DRIFT		
				SHAD	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	1	18	-	3	-	7
ON BOATS AND SHORE:						
REGULAR	4	87	-	17	1	4
CASUAL.	22	328	5	61	-	41
TOTAL	27	433	5	81	1	52
VESSELS, MOTOR.	1	11	-	1	-	4
GROSS TONNAGE	11	107	-	11	-	41
BOATS:						
MOTOR	23	325	-	35	1	33
OTHER	1	-	4	3	-	-
GEAR:						
NUMBER.	440	21,228	4	37	1	52
SQUARE YARDS.	-	-	735	64,254	250	-
HOOKS OR BAITS.	-	-	-	-	-	56

(CONTINUED ON NEXT PAGE)

CONNECTICUT - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	DIP NETS, COMMON	DREDGES		TONGS		TOTAL, EXCLUSIVE OF DUPLICATION
		CLAM	OYSTER, COMMON	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	4	25	-	-	98
ON BOATS AND SHORE:						
REGULAR	-	-	-	1	-	100
CASUAL	4	-	-	1	11	413
TOTAL	4	4	25	2	11	611
VESSELS, MOTOR	-	2	10	-	-	40
GROSS TONNAGE	-	43	203	-	-	953
BOATS:						
MOTOR	-	-	-	2	11	372
OTHER	-	-	-	-	-	10
GEAR:						
NUMBER	4	2	19	2	11	-
YARDS AT MOUTH	-	2	26	-	-	-

CONNECTICUT - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	23,300	$430	5,900	$117	-	-
BLUEFISH	-	-	3,600	400	-	-
BUTTERFISH	-	-	69,200	9,780	-	-
COD	-	-	354,600	23,356	-	-
FLOUNDERS:						
BLACKBACK	2,200	175	1,034,300	78,577	-	-
FLUKE	-	-	35,000	13,617	-	-
YELLOWTAIL	-	-	34,200	2,690	-	-
MACKEREL, ATLANTIC	-	-	56,100	2,335	-	-
SCUP OR PORGY	-	-	506,600	63,270	-	-
SEA BASS	-	-	700	180	-	-
SEA ROBIN	-	-	100,000	1,000	-	-
SHAD	-	-	100	5	-	-
SHARKS, GRAYFISH	-	-	50,000	500	-	-
SKATES	-	-	12,000	138	-	-
SMELT	4,000	1,200	-	-	-	-
STURGEON, COMMON	-	-	1,900	266	-	-
TAUTOG	-	-	2,100	125	-	-
WHITE PERCH	3,800	556	-	-	-	-
WHITING	-	-	136,300	7,764	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	900	120	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	1,800	36	1,246,300	18,479	-	-
LOBSTERS, NORTHERN	-	-	800	604	189,800	$161,918
CONCHS	-	-	1,100	267	-	-
SCALLOPS, SEA	-	-	900	1,035	-	-
SQUID	-	-	131,100	7,892	-	-
TOTAL	35,100	2,397	3,783,700	232,517	189,800	161,918

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			CONCH		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	100	$25	-	-	-	-
BUTTERFISH	5,000	1,000	-	-	-	-
EEL, COMMON	-	-	-	-	41,900	$6,543
FLOUNDER, FLUKE	200	40	-	-	-	-
MACKEREL, ATLANTIC	600	150	-	-	-	-
MENHADEN	300	20	-	-	-	-
TAUTOG	1,000	100	-	-	-	-
UNCLASSIFIED, BAIT, REDUCTION AND ANIMAL FOOD	6,000	150	-	-	-	-
CONCHS	-	-	20,500	$4,355	-	-
SQUID	1,000	100	-	-	-	-
TOTAL	14,200	1,585	20,500	4,355	41,900	6,543

(CONTINUED ON NEXT PAGE)

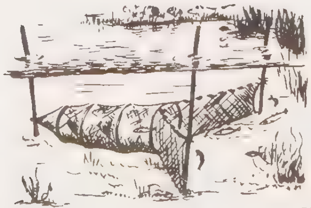
CONNECTICUT - CATCH BY GEAR, 1968 - Continued

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER		ANCHOR, SET OR STAKE		DRIFT	
					SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHAD.	-	-	400	$116	211,900	$62,288
LOBSTERS, NORTHERN.	696,300	$657,522	-	-	-	-
CONCHS.	9,900	2,020	-	-	-	-
TOTAL	706,200	659,542	400	116	211,900	62,288

SPECIES	GILL NETS - CONTINUED		LINES, HAND		DIP NETS, COMMON	
	DRIFT - CONTINUED					
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	-	-	3,600	$92
BLUEFISH.	-	-	58,700	$10,979	-	-
COD	-	-	12,300	1,056	-	-
EEL, COMMON	-	-	200	36	-	-
FLOUNDERS:						
BLACKBACK	-	-	4,800	620	-	-
FLUKE	-	-	100	30	-	-
MACKEREL, ATLANTIC.	-	-	9,700	1,799	-	-
SCUP OR PORGY	-	-	500	220	-	-
SEA ROBIN	-	-	200	4	-	-
SHARKS:						
GRAYFISH.	-	-	200	4	-	-
UNCLASSIFIED.	-	-	400	16	-	-
SKATES.	-	-	100	2	-	-
TAUTOG.	-	-	1,500	148	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD. . .	10,700	$161	-	-	-	-
TOTAL	10,700	161	88,700	14,914	3,600	92

SPECIES	DREDGES			
	CLAM		OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PRIVATE. . . .	240,000	$100,000	-	-
OYSTERS, MARKET, PRIVATE:				
SPRING.	-	-	80,500	$188,118
FALL.	-	-	40,700	94,761
TOTAL	240,000	100,000	121,200	282,879

SPECIES	TONGS			
	OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	1,200	$582
OYSTERS, MARKET, PUBLIC, FALL	200	$270	-	-
TOTAL	200	270	1,200	582



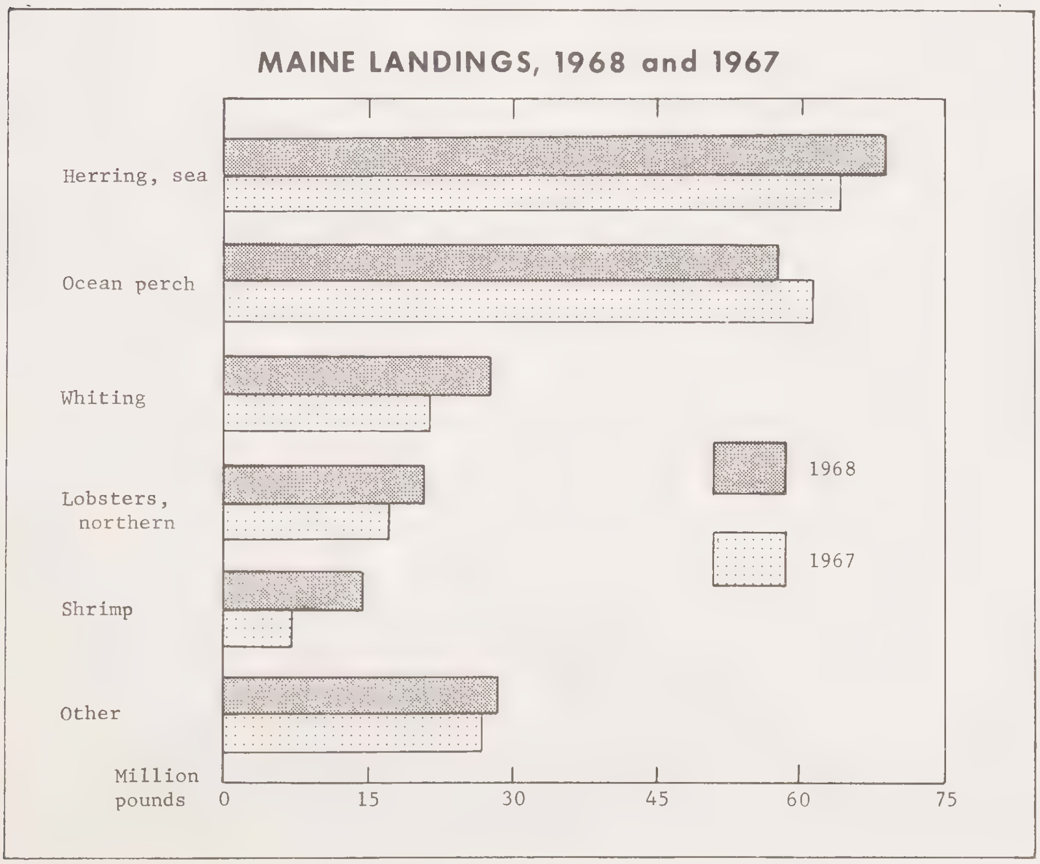
FYKE NET

LANDINGS AT MAINE PORTS

In cooperation with the Maine Department of Sea and Shore Fisheries, the Bureau of Commercial Fisheries collects and compiles monthly and annual data on the landings of fish, shellfish, and other aquatic resources in the State of Maine. This information is published monthly in "Maine Landings", which is in the Current Fishery Statistical series. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries.

Maine landings data, summarized by species and months, appeared in Digests for the years 1947-58. In 1959, data were shown on the catch off Canada by species and area of capture. Information was also included on the number of fishing craft operated, trips, days absent, and days fished. Since 1960, similar data have been shown for most of the Maine catch. The quantities shown represent the round weight of species except univalve and bivalve mollusks. These shellfish are reported in pounds of meats. The data are comparable with catch figures shown in other tables.

Landings at Maine ports by fishing craft of all sizes were 218.7 million pounds worth $25.6 million--21.3 million pounds and $2.6 million more than in 1967. Landings of whiting (28.9 million pounds) and sea herring (69.7 million pounds) increased 40 and 8 percent, respectively; but the catch of ocean perch (57.7 million pounds) declined 7 percent compared with the previous year. Lobster landings of 20.5 million pounds were 4 million pounds greater than in 1967, and the best catch since 1964. The shrimp fishery in Maine produced a record 14.4 million pounds--more than double the harvest of the previous year.



LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD			CUSK	FLOUNDERS		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TRAWL LINES:											
EASTERN MAINE	12	106.0	106.0	50.0	119,717	4,781	-	-	750	-	-
CENTRAL MAINE	12	262.0	262.0	130.0	182,940	-	515	28,983	575	-	-
WESTERN MAINE	9	32.0	35.0	13.1	14,892	1,229	-	31,103	-	-	-
TOTAL	1/33	400.0	403.0	193.1	317,549	6,010	515	60,086	1,325	-	-
HANDLINES:											
EASTERN MAINE	58	324.0	324.0	162.0	353,356	-	-	-	-	-	-
CENTRAL MAINE	61	334.0	334.0	164.6	331,625	-	-	610	-	-	-
WESTERN MAINE	7	40.0	40.0	20.0	15,546	11,057	-	1,992	-	-	195
TOTAL	[illegible]	698.0	698.0	[illegible]	700,527	11,057	-	2,602	-	-	195
HARPOONS, WESTERN MAINE	1/23	41.0	41.0	21.0	-	-	-	-	-	-	-
LONGLINES:											
SOUTHWEST GRAND BANKS	1	1.0	21.0	12.0	-	-	-	-	-	-	-
XXIII UNCLASSIFIED	1	2.0	26.0	17.0	-	-	-	-	-	-	-
TOTAL	1/1	3.0	47.0	29.0	-	-	-	-	-	-	-
OTTER TRAWLS:											
SOUTHWEST GRAND BANKS	1	.1	1.0	.3	-	-	-	-	-	-	-
BURGEO BANK	3	1.9	28.0	7.3	-	-	-	-	-	-	-
EASTERN GULF ST. LAWRENCE	16	96.6	1,155.0	227.1	-	-	-	-	-	-	-
NORTH GULF ST. LAWRENCE	13	41.6	560.0	111.9	-	-	-	-	-	-	-
NORTHEAST CAPE BRETON	1	.1	1.0	.4	-	-	-	-	-	-	-
MISAINE BANK	1	.1	1.0	.1	-	-	-	-	-	-	-
BANQUEREAU	12	29.2	355.0	87.6	-	-	-	-	-	-	-
CANSO	2	1.0	14.0	2.4	-	-	-	-	-	-	-
MIDDLE GROUND	3	3.4	39.0	9.0	-	-	-	-	-	-	-
EASTERN NOVA SCOTIA	2	1.2	17.0	3.7	-	-	-	-	-	-	-
CENTRAL NOVA SCOTIA	6	6.6	74.0	11.9	3,656	1,544	-	1,356	-	-	-
SOUTHERN NOVA SCOTIA	2	1.8	21.0	5.1	-	1,989	-	791	-	-	-
WESTERN BROWNS	1	.3	3.0	1.5	2,984	4,159	-	497	-	340	-
WESTERN NOVA SCOTIA	1	2.0	12.0	4.0	-	15,075	-	791	2,125	-	-
SOUTHERN BAY OF FUNDY	1	2.0	14.0	7.0	-	15,473	-	684	2,090	-	-
EASTERN MAINE	16	268.0	281.0	114.4	472,813	15,253	-	1,341	82,574	-	-
CENTRAL MAINE	44	969.9	1,027.0	386.1	74,975	251,575	1,639	11,967	229,227	12,783	-
WESTERN MAINE	144	9,187.9	9,261.0	3,802.9	206,456	566,346	585	12,030	457,908	930	12,845
INNER GROUNDS	14	64.0	434.0	115.5	15,660	98,982	-	20,227	23,950	-	-
WEST SIDE SOUTH CHANNEL	14	27.8	218.0	57.3	41,260	36,644	-	6,825	1,585	500	-
EAST SIDE SOUTH CHANNEL	1	.8	5.0	2.0	-	-	-	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK	1	.7	8.0	3.8	6,962	9,705	-	1,164	-	760	-
TOTAL	[illegible]	[illegible]	[illegible]	4,961.3	824,766	1,016,745	2,224	57,673	799,459	15,313	12,845
SINK GILL NETS, WESTERN MAINE	[illegible]	13.0	13.0	[illegible]	[illegible]	[illegible]	-	[illegible]	-	-	-
SCALLOP DREDGES:											
EASTERN MAINE	16	254.0	254.0	112.8	-	-	-	-	-	-	-
CENTRAL MAINE	30	640.0	640.0	256.2	-	-	-	-	-	-	-
WESTERN MAINE	4	41.0	41.0	20.5	-	-	-	-	-	-	-
TOTAL	1/50	935.0	935.0	389.5	-	-	-	-	-	-	-
TOTAL (ROUND WEIGHT ALL SPECIES 2/)	[illegible]	[illegible]	16,366.0	6,653.5	3,655,798	1,378,108	2,739	130,613	800,784	15,313	13,040
GRAND TOTAL (ROUND WEIGHT 2/)	-	-	-	-	3,655,798	1,378,108	2,739	130,613	800,784	15,313	13,040

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	FLOUNDERS-CONT'D.		HADDOCK		HAKE, WHITE	HALIBUT	HERRING, SEA	MACKEREL	OCEAN PERCH	POLLOCK	SWORD-FISH
	BLACK-BACK	DAB	LARGE	SCROD							
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TRAWL LINE:											
EASTERN MAINE	-	-	9,529	-	2,108	2,684	-	-	-	11,990	-
CENTRAL MAINE	2,663	-	20,151	139	541,798	3,627	-	-	-	17,783	-
WESTERN MAINE	-	575	2,706	308	811	4,155	-	-	-	-	-
TOTAL	2,663	575	32,386	447	544,717	10,466	-	-	-	29,773	-
HANDLINES:											
EASTERN MAINE	-	-	2,706	-	766	1,535	-	-	-	25,623	-
CENTRAL MAINE	-	-	6,071	207	90	2,055	-	-	-	13,737	-
WESTERN MAINE	210	-	486	217	691	703	-	-	-	-	-
TOTAL	210	-	9,263	424	1,547	4,293	-	-	-	39,360	-
LONGLINES:											
SOUTHWEST GRAND BANKS	-	-	-	-	-	-	-	-	-	-	20,946
XXIII UNCLASSIFIED	-	-	-	-	-	-	-	-	-	-	68,490
TOTAL	-	-	-	-	-	-	-	-	-	-	89,436
OTTER TRAWLS:											
SOUTHWEST GRAND BANKS	-	-	-	-	-	-	-	-	5,000	-	-
BURGEO BANK	-	-	-	-	-	1,656	-	-	433,350	-	-
EASTERN GULF ST. LAWRENCE	-	-	-	-	-	15,266	-	-	24,451,680	-	-
NORTH GULF ST. LAWRENCE	-	-	2,850	-	-	7,934	-	-	10,744,400	-	-
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	-	10,000	-	-
MISAINE BANK	-	-	-	-	-	-	-	-	5,000	-	-
BANQUEREAU	-	-	-	-	-	13,035	-	-	7,090,190	328,265	-
CANSO	-	-	-	-	-	-	-	-	243,700	-	-
MIDDLE GROUND	-	-	-	-	-	-	-	-	745,000	-	-
EASTERN NOVA SCOTIA	-	-	-	-	-	-	-	-	217,000	-	-
CENTRAL NOVA SCOTIA	-	1,230	3,306	2,280	1,447	-	-	-	716,800	1,164	-
SOUTHERN NOVA SCOTIA	-	650	-	1,083	-	-	-	-	247,500	11,300	-
WESTERN BROWNS	-	325	8,145	4,315	-	-	-	-	-	1,141	-
WESTERN NOVA SCOTIA	-	755	12,398	14,011	7,008	-	-	-	-	848	-
SOUTHERN BAY OF FUNDY	-	4,125	12,751	22,133	1,655	-	-	-	-	350	-
EASTERN MAINE	1,740	1,245	115,927	22,054	189,851	2,938	-	-	-	48,578	-
CENTRAL MAINE	15,731	97,587	257,466	526,892	185,984	2,274	-	-	150,290	47,158	-
WESTERN MAINE	24,343	436,297	220,799	166,979	63,354	2,831	175	-	1,024,342	5,048	-
INNER GROUNDS	-	7,610	31,749	91,337	20,207	1,228	-	-	7,242,350	133,199	-
WEST SIDE SOUTH CHANNEL	-	9,155	80,393	87,233	1,782	1,513	-	-	4,331,050	43,884	-
EAST SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	92,000	-	
NORTHERN EDGE AND NORTHEAST PEAK	-	755	19,010	10,072	40	-	-	-	-	2,667	-
TOTAL	41,814	559,734	764,794	948,389	471,328	48,675	175	-	57,749,652	623,602	-
SINK GILL NETS, WESTERN MAINE	-	222	34,816	-	237,884	1,137	-	-	-	705,634	-
TOTAL (ROUND WEIGHT ALL SPECIES 2/)	44,687	560,531	841,259	949,260	1,255,476	64,571	175	-	57,749,652	1,398,369	89,436
MISCELLANEOUS GEAR, UNCLASSIFIED WATERS OFF MAINE 2/	-	-	-	-	-	-	69,703,146	387,757	-	-	-
GRAND TOTAL (ROUND WEIGHT 2/)	44.687	560,531	841,259	949,260	1,255,476	64,571	69,703,321	387,757	57,749,652	1,398,369	89,436

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	TUNA, BLUEFIN	WHITING	WOLF-FISH	UNCLASSIFIED FISH		SCALLOPS, SEA (MEATS)	SHRIMP	LOBSTERS	UNCLASSIFIED SHELLFISH	TOTAL
				FOR FOOD	FOR REDUCTION					
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TRAWL LINES:										
EASTERN MAINE	-	-	-	-	-	-	-	-	-	151,559
CENTRAL MAINE	-	-	32	-	-	-	-	-	-	799,206
WESTERN MAINE	-	-	-	-	-	-	-	-	-	55,779
TOTAL	-	-	32	-	-	-	-	-	-	1,006,544
HANDLINES:										
EASTERN MAINE	-	-	-	1,317	-	-	-	-	-	385,303
CENTRAL MAINE	-	-	-	10,098	-	-	-	-	-	364,493
WESTERN MAINE	608	-	24	33,597	-	-	-	-	-	65,326
TOTAL	608	-	24	45,012	-	-	-	-	-	815,122
HARPOONS, WESTERN MAINE	35,893	-	-	-	-	-	-	-	-	35,893
LONGLINES:										
SOUTHWEST GRAND BANKS	-	-	-	-	-	-	-	-	-	20,946
XXIII UNCLASSIFIED	1,161	-	-	-	-	-	-	-	-	69,651
TOTAL	1,161	-	-	-	-	-	-	-	-	90,597
OTTER TRAWLS:										
SOUTHWEST GRAND BANKS	-	-	-	-	-	-	-	-	-	5,000
BURGEO BANK	-	-	-	-	-	-	-	-	-	435,006
EASTERN GULF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	24,466,946
NORTH GULF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	10,755,184
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	-	-	10,000
MISAINE BANK	-	-	-	-	-	-	-	-	-	5,000
BANQUEREAU	-	-	-	-	-	-	-	-	-	7,431,490
CANSO	-	-	-	-	-	-	-	-	-	243,700
MIDDLE GROUND	-	-	-	-	-	-	-	-	-	745,000
EASTERN NOVA SCOTIA	-	-	-	-	30,000	-	-	-	-	247,000
CENTRAL NOVA SCOTIA	-	-	-	-	-	-	-	-	-	732,783
SOUTHERN NOVA SCOTIA	-	-	-	-	30,000	-	-	-	-	293,313
WESTERN BROWNS	-	-	534	-	-	-	-	-	-	22,440
WESTERN NOVA SCOTIA	-	-	-	-	-	-	-	-	-	53,011
SOUTHERN BAY OF FUNDY	-	-	-	-	-	-	-	-	-	59,261
EASTERN MAINE	-	-	-	4,444	-	-	54,554	-	-	1,013,312
CENTRAL MAINE	-	283,210	4,374	2,810	11,100	-	664,857	-	-	2,831,899
WESTERN MAINE	-	28,632,826	6,445	1,162,471	42,345	-	13,643,840	-	-	46,689,195
INNER GROUNDS	-	-	630	1,985	-	-	-	-	-	7,689,114
WEST SIDE SOUTH CHANNEL	-	-	972	4,000	-	-	-	-	-	4,646,796
EAST SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-	92,000
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	-	-	-	-	-	-	52,371
TOTAL	-	28,916,036	14,191	1,175,710	113,445	-	14,363,251	-	-	108,519,821
SINK GILL NETS, WESTERN MAINE	-	-	-	4,708	-	-	-	-	-	3,151,905
SCALLOP DREDGES:										
EASTERN MAINE	-	-	-	-	-	46,785	-	-	-	46,785
CENTRAL MAINE	-	-	-	-	-	170,702	-	-	-	170,702
WESTERN MAINE	-	-	-	-	-	1,910	-	-	-	1,910
TOTAL	-	-	-	-	-	219,397	-	-	-	219,397

(CONTINUED ON NEXT PAGE)

SEE NOTES AT END OF TABLE.

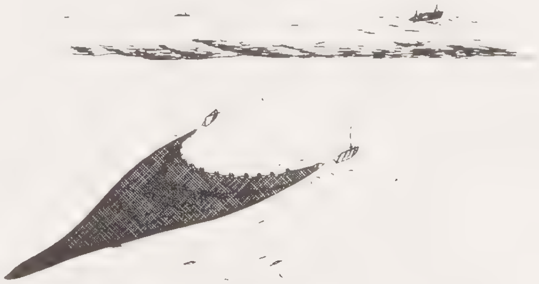
LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	TUNA, BLUEFIN	WHITING	WOLF-FISH	UNCLASSIFIED FISH		SCALLOPS, SEA (MEATS)	SHRIMP	LOBSTERS	UNCLASSI-FIED SHELLFISH	TOTAL
				FOR FOOD	FOR REDUCTION					
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TOTAL (ROUND WEIGHT ALL SPECIES 2/)	37,662	28,916,036	14,247	1,225,430	113,445	219,397	14,363,251	-	-	113,839,279
MISCELLANEOUS GEAR, UNCLASSIFIED WATERS OFF MAINE 2/	-	-	-	2,361,155	1,295	-	-	20,501,732	11,935,732	104,890,817
GRAND TOTAL (ROUND WEIGHT 2/). . . .	37,662	28,916,036	14,247	3,586,585	114,740	219,397	14,363,251	20,501,732	11,935,732	218,730,096

[1] EXCLUSIVE OF DUPLICATION. [2] ALL SPECIES ARE LISTED AS ROUND WEIGHT EXCEPT UNIVALVE AND BIVALVE MOLLUSKS WHICH ARE REPORTED AS POUNDS OF MEATS. SEA SCALLOPS ARE LISTED AS WEIGHT OF EDIBLE MEAT. LANDED WEIGHT OF FINFISH WAS CONVERTED TO ROUND WEIGHT BY MULTIPLYING BY THE FOLLOWING FACTORS: COD, DRAWN 1.17; CUSK, DRAWN 1.13; HADDOCK, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; SWORDFISH, DRESSED 1.25; AND WOLFFISH, DRAWN 1.20.

NOTE:--DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY, THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN A CRAFT OPERATES IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH IN EACH SUBAREA. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO THE NEAREST TENTH OF A DAY. TO OBTAIN FISHING TIME IN HOURS, MULTIPLY THE NUMBER OF DAYS FISHED BY 24.



OTTER TRAWL

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

Detailed statistics on landings at Boston, Gloucester, New Bedford, and other Massachusetts ports are collected and published monthly and annually in the Current Fishery Statistics series of bulletins. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries. The data in 1968 represent more than 92 percent of the total Massachusetts catch. The figures do not include data on shellfish (except the landings of otter-trawl-caught lobsters, shrimp, squid, and sea scallop meats). Additional landings not included in these data consist mostly of crabs; pot-caught lobsters; clam; sea mussel, oyster, and bay scallop meats; Irish moss; and small amounts of other fish, shellfish, and other marine organisms.

The following tables are a summary of 1968 data on Massachusetts landings by port, gear, and area of capture. Since the quantities shown are the weights as landed, they are not directly comparable with the catch figures that appear in other tables in this Digest.

Landings of fishing craft of all sizes at Boston, Gloucester, New Bedford, and other Massachusetts ports were 310.8 million pounds worth $35.1 million--a decline of 5.3 million pounds but an increase of $1.8 million compared with 1967. New Bedford was the leading port for the fifth consecutive year with 41 percent of the volume and 54 percent of the value. Gloucester was second in poundage with 32 percent and Boston, third with 19 percent.

Boston landings of 60 million pounds were 23 percent less than in 1967 and the smallest harvest on record. The value ($8 million) declined 17 percent compared with 1967. Haddock landings of 35.5 million pounds were 30 percent less than in 1967--continuing the downward trend of recent years. The haddock production was 59 percent of the Boston receipts.

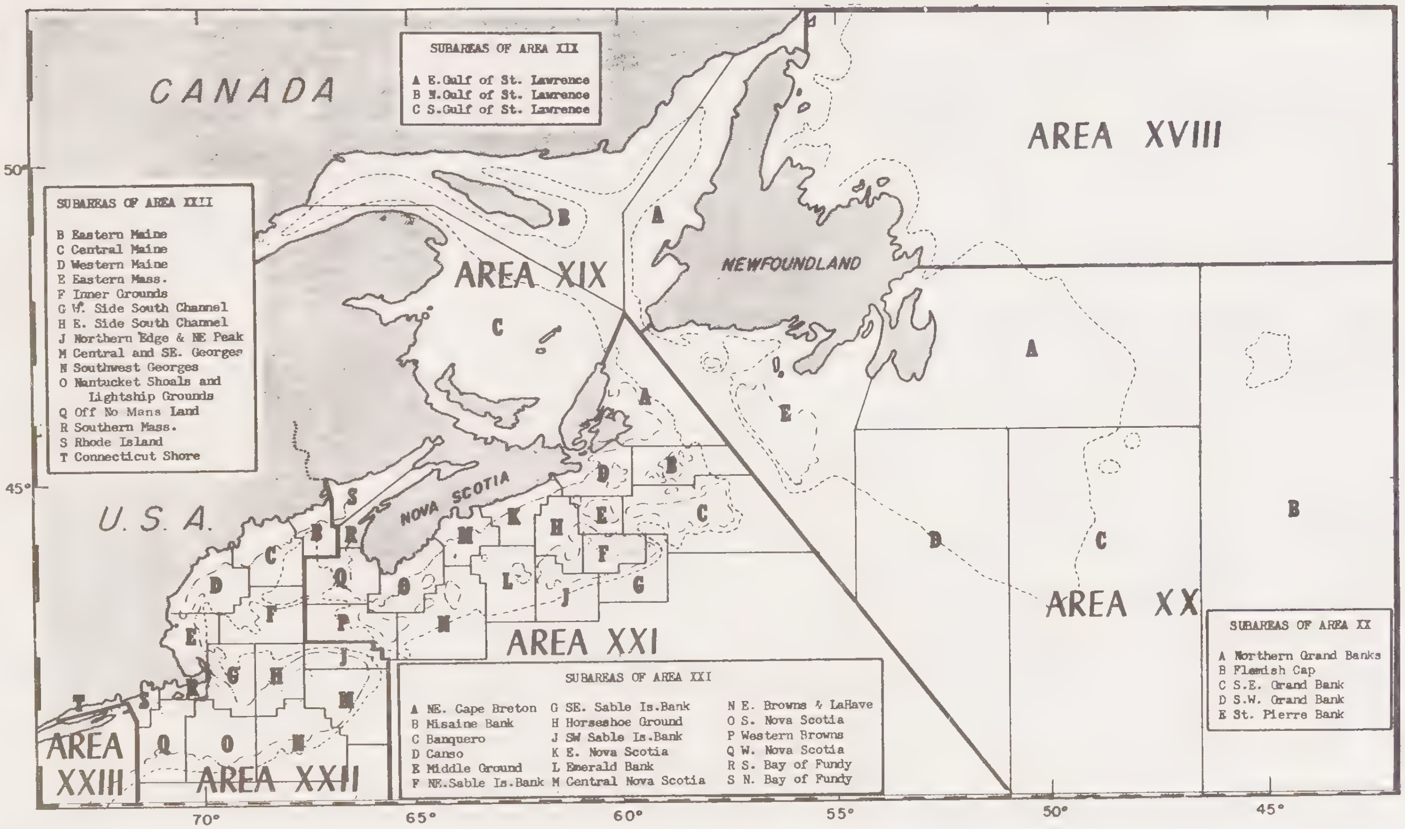
Gloucester landings of 98.0 million pounds worth $5.7 million increased 18 percent in volume and 8 percent in value compared with the previous year. A sharp increase in the catch of sea herring and whiting contributed to the greater poundage.

Landings at New Bedford were 126.1 million pounds worth $18.9 million--an increase of 8.3 million pounds (7 percent) and $3.5 million (23 percent) compared with 1967. Yellowtail flounder landings (53.7 million pounds) were 26 percent greater than in 1967 and the principal reason for the gain in volume. Landings of all other flounders except gray sole declined. The harvest of sea scallop meats (7.7 million pounds) increased nearly 1.0 million pounds compared with the previous year: the average price per pound increased from 77 cents in 1967 to $1.12 in 1968, and accounted largely for the gain in value. Landings of fish for industrial use (37.5 million pounds) increased 13 percent compared with 1967.

A total of 600 craft landed the 310.8 million pounds of fish and shellfish at principal Massachusetts ports. Of this number, 369 using otter trawls landed 265.8 million pounds (86 percent).

SMALL OTTER TRAWL

STATISTICAL AREAS AND SUBAREAS USED IN REPORTING THE CATCH LANDED AT CERTAIN MASSACHUSETTS PORTS DURING 1968


CANADA
U. S. A.
NEWFOUNDLAND
NOVA SCOTIA
AREA XVIII
AREA XIX
AREA XX
AREA XXI
AREA XXII
AREA XXIII
SUBAREAS OF AREA XIX
A E.Gulf of St. Lawrence
B N.Gulf of St. Lawrence
C S.Gulf of St. Lawrence
SUBAREAS OF AREA XXII
B Eastern Maine
C Central Maine
D Western Maine
E Eastern Mass.
F Inner Grounds
G W. Side South Channel
H E. Side South Channel
J Northern Edge & NE Peak
M Central and SE. Georges
N Southwest Georges
O Nantucket Shoals and Lightship Grounds
Q Off No Mans Land
R Southern Mass.
S Rhode Island
T Connecticut Shore
SUBAREAS OF AREA XXI
A NE. Cape Breton
B Misaine Bank
C Banquero
D Canso
E Middle Ground
F NE.Sable Is.Bank
G SE. Sable Is.Bank
H Horseshoe Ground
J SW Sable Is.Bank
K E. Nova Scotia
L Emerald Bank
M Central Nova Scotia
N E. Browns & LaHave
O S. Nova Scotia
P Western Browns
Q W. Nova Scotia
R S. Bay of Fundy
S N. Bay of Fundy
SUBAREAS OF AREA XX
A Northern Grand Banks
B Flemish Cap
C S.E. Grand Bank
D S.W. Grand Bank
E St. Pierre Bank
50°
45°
70°
65°
60°
55°
50°
45°

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1968

SPECIES	BOSTON		GLOUCESTER	
	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH, ROUND	-	-	4,650	$412
COD, DRAWN:				
LARGE	4,760,494	$406,690	2,597,370	201,657
MARKET	5,744,912	526,833	4,541,525	398,196
SCROD	4,786,327	422,918	1,091,625	77,075
CUSK, DRAWN	548,845	46,581	468,040	27,470
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE	1,281,053	189,554	209,520	24,793
SMALL	100	15	8,990	718
DAB	1,051,563	124,755	1,497,595	137,400
GRAY SOLE	432,371	69,158	1,430,145	179,880
LEMON SOLE	233,002	40,786	22,350	3,145
YELLOWTAIL	1,303,651	133,984	330,445	27,214
HADDOCK, DRAWN:				
LARGE	19,363,330	3,111,273	7,386,420	1,154,865
SCROD	16,091,695	2,428,525	7,627,480	1,083,130
SNAPPER	23,650	3,907	-	-
HAKE:				
RED, ROUND	175	19	18,390	582
WHITE, DRESSED:				
LARGE	5,015	474	462,025	39,369
MEDIUM	374,335	40,489	133,545	9,449
HALIBUT, DRAWN	27,260	13,433	74,078	32,899
HERRING, SEA, ROUND	-	-	21,036,188	209,730
MACKEREL, ROUND	-	-	882,565	42,844
OCEAN PERCH, ROUND	531,300	19,458	3,035,460	116,996
POLLOCK, DRAWN	2,914,550	228,513	1,673,319	100,637
SHARKS, UNCLASSIFIED, DRAWN	-	-	40	2
SKATES, ROUND	-	-	42,755	1,805
STURGEON, DRAWN	300	27	263	36
TILEFISH, DRAWN	-	-	2,050	167
TUNA, ROUND, BLUEFIN	-	-	53,855	3,989
WHITING:				
ROUND	-	-	34,701,695	1,201,377
DRESSED	4,100	420	-	-
WOLFFISH, DRAWN	232,545	15,250	118,715	6,304
UNCLASSIFIED:				
FOR FOOD	355	37	6,038,915	521,582
SPAWN	113,620	9,168	20,260	1,737
FOR INDUSTRIAL	-	-	2,277,624	20,607
CRABS, ROCK	-	-	3,300	520
LOBSTERS, NORTHERN	161,600	131,185	128,475	93,230
SHRIMP	-	-	114,380	10,980
SQUID	-	-	1,145	46
TOTAL	59,986,148	7,963,452	98,035,197	5,730,843

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH, ROUND	-	-	299,900	$21,562
BLUEFISH, ROUND	-	-	14,179	2,268
BONITO, ROUND	-	-	11,063	2,112
BUTTERFISH, ROUND	12,750	$1,073	23,301	3,551
COD, DRAWN:				
LARGE	1,638,395	132,693	2,950,079	226,601
MARKET	4,239,025	375,967	1,924,702	146,483
SCROD	255,630	16,498	382,268	19,823
CUSK, DRAWN	4,875	593	54,033	2,366
EELS, COMMON, ROUND	-	-	907	182
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE	4,109,203	686,008	1,708,904	212,721
SMALL	3,762,298	393,867	809,500	68,091
DAB	2,188,090	312,849	521,515	50,151
FLUKE:				
LARGE	72,900	35,433	3,869	1,738
MEDIUM	53,000	17,828	1,687	461
SMALL	3,535	724	376	75
GRAY SOLE	2,309,070	307,228	878,155	115,437
LEMON SOLE	1,042,090	264,933	20,275	4,773
YELLOWTAIL	53,652,575	5,556,844	2,449,555	277,602
HADDOCK, DRAWN:				
LARGE	4,637,490	662,715	2,054,362	258,850
SCROD	2,576,445	317,845	280,055	24,507
SNAPPER	375	21	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1968 - Continued

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
HAKE:				
RED, ROUND	-	-	185,315	$2,904
WHITE, DRESSED:				
LARGE	1,830	$52	25	2
MEDIUM	7,125	295	70,705	4,602
HALIBUT, DRAWN	2,720	884	56,807	41,230
HERRING, SEA, ROUND	-	-	643,685	14,715
MACKEREL, ROUND	-	-	2,726,935	138,100
MENHADEN, ROUND	-	-	7,550	112
OCEAN PERCH, ROUND	-	-	1,878	87
POLLOCK, DRAWN	48,740	1,994	292,259	10,490
SCUP OR PORGY, ROUND:				
MEDIUM	14,670	1,782	211,018	16,865
UNCLASSIFIED	-	-	460,343	71,346
SEA BASS, ROUND:				
MEDIUM	870	271	5,050	1,921
UNCLASSIFIED	-	-	2,449	638
SHAD, ROUND	-	-	1,607	160
SHARKS:				
GRAYFISH, ROUND	-	-	630	17
UNCLASSIFIED, ROUND	357	18	255	19
SKATES, ROUND	-	-	36,055	1,686
SMELT, ROUND	-		30	3
STRIPED BASS, ROUND	-	-	106,674	23,002
STURGEON, DRAWN	200	20	1,519	275
SWORDFISH, DRESSED	154,019	94,934	8,500	5,100
TAUTOG, ROUND	-	-	8,939	406
TILEFISH, DRAWN	-	-	455	136
TUNA, ROUND, BLUEFIN	1,290,927	167,716	64,880	9,238
WHITE PERCH, ROUND	-	-	73	12
WHITING:				
ROUND	8,100	237	4,253,495	146,504
DRESSED	5,950	224	912,632	35,001
WOLFFISH, DRAWN	1,600	80	42,697	1,818
UNCLASSIFIED:				
FOR FOOD	45,030	605	900,728	83,526
SPAWN	-	-	3,118	591
FOR INDUSTRIAL	35,678,120	429,685	111,600	1,709
LOBSTERS, NORTHERN	600,246	534,148	397,364	346,205
SEA SCALLOP MEATS	7,678,779	8,592,695	25,032	26,407
SQUID	1,475	123	706,974	44,655
TOTAL	126,098,504	18,908,882	26,635,961	2,468,836

SPECIES	TOTAL			
	1968		1967	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES, ROUND	-	-	5,105,770	$56,216
ANGLERFISH, ROUND	299,900	$21,562	359,361	27,901
BLUEFISH, ROUND	14,179	2,268	9,912	1,323
BONITO, ROUND	11,063	2,112	22,370	3,867
BUTTERFISH, ROUND	40,701	5,036	23,413	2,494
COD, DRAWN:				
WHALE	-	-	35	2
LARGE	11,946,338	967,641	12,579,292	1,188,817
MARKET	16,450,164	1,447,479	13,808,496	1,388,595
SCORD	6,515,850	536,314	6,425,436	584,583
CUSK, DRAWN	1,075,793	77,010	1,333,244	94,249
EELS, COMMON, ROUND	907	182	941	122
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE	7,308,680	1,113,076	10,200,311	1,362,731
SMALL	4,580,888	462,691	6,128,540	602,784
DAB	5,258,763	625,155	6,484,606	734,062
FLUKE:				
LARGE	76,769	37,171	166,759	69,378
MEDIUM	54,687	18,289	207,140	59,378
SMALL	3,911	799	51,655	9,854
GRAY SOLE	5,049,741	671,703	4,774,190	596,155
LEMON SOLE	1,317,717	313,637	1,537,866	315,047
YELLOWTAIL	57,736,226	5,995,644	46,436,430	4,959,796
HADDOCK, DRAWN:				
LARGE	33,441,602	5,187,703	29,775,334	4,334,357
SCROD	26,575,675	3,854,007	54,167,643	6,492,728
SNAPPER	24,025	3,928	78,361	10,792

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1968 - Continued

SPECIES	TOTAL			
	1968		1967	
	POUNDS	VALUE	POUNDS	VALUE
HAKE:				
RED, ROUND.	203,880	$3,505	259,630	$6,857
WHITE, DRESSED:				
LARGE	468,895	39,897	295,122	28,403
MEDIUM.	585,710	54,835	683,626	59,905
HALIBUT, DRAWN.	160,865	88,446	164,907	82,512
HERRING, SEA, ROUND	21,679,873	224,445	3,554,168	57,670
MACKEREL, ROUND	3,609,500	180,944	5,490,558	165,221
MENHADEN, ROUND	7,550	112	21,000	525
OCEAN PERCH, ROUND.	3,568,638	136,541	9,253,689	391,159
OCEAN POUT, ROUND	-	-	600	8
POLLOCK, DRAWN.	4,928,868	341,634	5,401,307	351,702
SCUP OR PORGY, ROUND:				
MEDIUM.	225,688	18,647	47,657	11,894
UNCLASSIFIED.	460,343	71,346	620,807	77,442
SEA BASS, ROUND:				
MEDIUM.	5,920	2,192	915	298
UNCLASSIFIED.	2,449	638	5,163	1,134
SHAD, ROUND	1,607	160	508,304	6,057
SHARKS:				
GRAYFISH, ROUND	630	17	12,095	527
UNCLASSIFIED.	652	39	992	55
SKATES, ROUND	78,810	3,491	156,810	6,862
SMELT, ROUND.	30	3	40	6
STRIPED BASS, ROUND	106,674	23,002	236,875	40,577
STURGEON, DRAWN	2,282	358	1,967	255
SWORDFISH, DRESSED.	162,519	100,034	361,294	174,128
TAUTOG, ROUND	8,939	406	10,354	517
TILEFISH, DRAWN	2,505	303	4,160	599
TUNA, ROUND:				
BLUEFIN	1,409,662	180,943	956,332	65,219
SKIPJACK.	-	-	35,885	3,588
WHITE PERCH, ROUND.	73	12	-	-
WHITING:				
ROUND	38,963,290	1,348,118	36,415,100	1,073,046
DRESSED	922,682	35,645	841,570	25,395
WOLFFISH, DRAWN	395,557	23,452	407,742	27,031
UNCLASSIFIED:				
FOR FOOD.	6,985,028	605,750	7,213,215	597,095
SPAWN	136,998	11,496	118,624	10,699
FOR INDUSTRIAL.	38,067,344	452,001	33,828,867	468,694
CRABS, ROCK	3,300	520	-	-
LOBSTERS, NORTHERN.	1,287,685	1,104,768	1,716,777	1,295,587
SHRIMP.	114,380	10,980	21,960	2,085
SEA SCALLOP MEATS	7,703,811	8,619,102	6,818,517	5,271,240
SQUID	709,594	44,824	883,140	45,494
TOTAL	310,755,810	35,072,013	316,026,874	33,244,717

NOTE:--THIS REPORT INCLUDES ALL LANDINGS IN MASSACHUSETTS EXCEPT THE INSHORE CATCH OF SHELLFISH (LOBSTERS, CLAMS, BAY SCALLOPS, IRISH MOSS, ETC.) AND SMALL QUANTITIES OF FINFISH. THE WEIGHTS OF FISH GIVEN HERE REPRESENT THE FRESH FISH AS LANDED AND THE VALUES ARE THOSE RECEIVED BY THE FISHERMEN. THE GRADES OR SIZES GIVEN FOR CERTAIN SPECIES ARE THOSE RECOGNIZED IN THE TRADE. "WHALE" COD ARE CLASSIFIED AS THOSE WEIGHING OVER 25 POUNDS; "LARGE" COD, 10 TO 25 POUNDS; "MARKET" COD, 2-1/2 TO 10 POUNDS; AND "SCROD" COD, 1-1/2 TO 2-1/2 POUNDS. "LARGE" BLACKBACK FLOUNDERS, 1 TO 3-1/2 POUNDS; AND "SMALL" BLACKBACK FLOUNDERS, 3/4 TO 1 POUND. "LARGE" FLUKE, OVER 4 POUNDS; "MEDIUM" FLUKE, 3 TO 4 POUNDS; AND "SMALL" FLUKE, 1-1/2 TO 3 POUNDS. "LARGE" HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS; "SCROD" HADDOCK, 1-1/2 TO 2-1/2 POUNDS; AND "SNAPPER" HADDOCK, UNDER 1-1/2 POUNDS. "LARGE" HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND "MEDIUM" HAKE, UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH LANDED: "ROUND", AS CAUGHT; "DRAWN", EVISCERATED; AND "DRESSED", EVISCERATED AND HEADED. THE CATEGORY "OTHER MASSACHUSETTS PORTS" INCLUDES PLYMOUTH, PROVINCETOWN, AND OTHER CAPE COD PORTS.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		BLACK-BACK
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:									
WESTERN MAINE	3	5.0	8	5.4	7,850	4,050	500	9,500	-
EASTERN MASSACHUSETTS	31	529.0	537	218.4	41,531	33,275	13,385	56,240	26,105
INNER GROUNDS	3	13.0	30	16.9	11,700	9,125	2,810	16,375	-
WEST SIDE SOUTH CHANNEL	44	1,224.0	1,271	646.9	1,318,585	429,927	15,136	67,650	4,347
TOTAL	1/ 76	1,771.0	1,846	887.6	1,379,666	476,377	31,831	149,765	30,452
HANDLINES:									
EASTERN MASSACHUSETTS	60	1,446.0	1,446	702.2	13,222	16,808	145	1,400	300
WEST SIDE SOUTH CHANNEL	54	1,622.0	1,622	811.0	687,288	296,446	3,514	1,063	3,412
TOTAL	1/ 114	3,068.0	3,068	1,513.2	700,510	313,254	3,659	2,463	3,712
HARPOONS:									
EASTERN MASSACHUSETTS	10	40.0	40	16.0	-	-	-	-	-
WEST SIDE SOUTH CHANNEL	1	1.0	3	1.5	-	-	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP GD.	7	33.0	112	56.2	-	-	-	-	-
TOTAL	1/ 17	74.0	155	73.7	-	-	-	-	-
LONGLINES:									
NANTUCKET SHOALS AND LIGHTSHIP GD.	2	2.0	4	2.0	-	-	-	-	-
ATLANTIC OCEAN.	1	.5	5	3.5	-	-	-	-	-
OFF NO MANS LAND.	3	4.0	29	16.0	-	-	-	-	-
SOUTHERN MASSACHUSETTS.	1	1.0	1	.3	-	-	-	-	-
ATLANTIC OCEAN.	1	1.0	14	10.0	-	-	-	-	-
HUDSON CANYON	1	.5	5	3.5	-	-	-	-	-
TOTAL	1/ 4	9.0	58	35.3	-	-	-	-	-
OTTER TRAWLS (ALL SIZES):									
EAST GULF OF ST. LAWRENCE	2	3.7	58	19.6	-	-	-	-	-
NORTH GULF OF ST. LAWRENCE	1	1.2	20	11.0	-	-	-	-	-
NORTHEAST CAPE BRETON	1	.3	5	1.0	-	-	-	-	-
MIDDLE GROUND	1	.1	2	.2	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK	1	.2	2	.7	-	2,675	-	-	-
HORSESHOE GROUND.	2	2.6	21	5.7	-	-	-	-	-
EASTERN NOVA SCOTIA	1	.2.0	23	6.8	-	-	-	-	-
CENTRAL NOVA SCOTIA	1	1.7	22	7.2	-	-	-	-	-
EASTERN BROWNS AND LAHAVE	17	11.9	117	78.1	30,195	40,472	31,000	11,375	2,350
SOUTHERN NOVA SCOTIA.	14	5.9	60	32.5	12,388	20,620	15,075	4,588	480
WESTERN BROWNS.	45	66.5	565	385.9	187,465	190,526	121,161	35,116	23,196
WESTERN NOVA SCOTIA	23	11.9	95	65.8	18,658	38,210	25,298	13,545	1,000
SOUTHERN BAY OF FUNDY	22	30.8	269	194.2	85,005	297,743	118,078	10,750	4,000
NORTHERN BAY OF FUNDY	20	24.3	225	152.8	70,717	232,767	43,497	9,472	420
EASTERN MAINE	10	7.3	71	42.0	20,030	42,100	24,970	4,550	100
CENTRAL MAINE	7	5.7	30	13.9	10,275	30,450	8,338	3,175	-
WESTERN MAINE	62	670.1	1,265	734.8	540,504	1,403,439	389,955	113,429	805
EASTERN MASSACHUSETTS	175	7,159.4	7,714	2,977.3	1,167,039	2,088,399	610,285	121,655	1,786,960
INNER GROUNDS	8	4.2	23	16.5	6,640	7,455	993	1,415	1,360

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		BLACK-BACK
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.									
WEST SIDE SOUTH CHANNEL	175	1,527.5	5,517	3,535.5	2,184,751	4,294,266	1,743,072	267,420	2,186,602
EAST SIDE SOUTH CHANNEL	142	561.1	3,944	2,705.1	1,692,998	2,284,467	1,487,084	159,564	526,068
NORTHERN EDGE AND NORTHEAST PEAK.	70	200.6	1,706	1,181.1	1,240,394	924,145	739,336	128,058	224,467
CENTRAL AND SOUTHEAST GEORGES . .	148	776.4	5,794	3,725.1	1,422,394	1,183,655	588,887	23,315	1,187,643
SOUTHWEST GEORGES	109	251.5	1,757	1,134.5	248,275	386,250	251,454	10,288	325,508
NANTUCKET SHOALS AND LIGHTSHIP GD.	152	1,026.1	5,122	3,287.2	326,940	1,561,401	238,852	4,420	4,184,059
OFF NO MANS LAND.	94	726.3	1,872	1,038.5	28,825	181,245	11,300	25	341,605
SOUTHERN MASSACHUSETTS.	36	396.8	724	329.4	21,190	211,667	21,930	1,350	1,001,795
RHODE ISLAND SHORE.	27	78.0	294	138.3	2,725	16,885	500	-	2,306
ATLANTIC OCEAN.	4	34.0	79	52.3	850	5,850	250	-	6,100
OFF LONG ISLAND	8	44.0	118	60.1	1,375	7,200	-	-	4,000
TOTAL	1/ 369	13,632.1	37,514	21,933.1	9,319,633	15,451,887	6,471,315	923,510	11,810,824
FLOATING TRAPS,									
EASTERN MASSACHUSETTS.	2	118.0	118	118.0	-	-	-	-	-
TOTAL	2	118.0	118	118.0	-	-	-	-	-
SINK GILL NETS:									
EASTERN MASSACHUSETTS	15	652.0	652	643.1	545,471	198,260	8,045	55	4,960
OFF NO MANS LAND.	1	1.0	1	.8	-	-	-	-	-
TOTAL	1/ 16	653.0	653	643.9	545,471	198,260	8,045	55	4,960
DRIFT GILL NETS,									
EASTERN MASSACHUSETTS.	13	185.0	185	180.0	196	249	-	-	-
TOTAL	13	185.0	185	180.0	196	249	-	-	-
PURSE SEINES:									
EASTERN MASSACHUSETTS	9	156.0	156	61.1	-	-	-	-	-
WEST SIDE SOUTH CHANNEL	5	10.0	33	16.4	-	-	-	-	-
OFF NO MANS LAND.	3	10.0	28	12.3	-	-	-	-	-
CHOLERA BANK.	1	.4	3	1.0	-	-	-	-	-
OFF LONG ISLAND..	1	.6	3	1.0	-	-	-	-	-
TOTAL	1/ 9	177.0	223	91.8	-	-	-	-	-
SCALLOP DREDGES:									
EASTERN MASSACHUSETTS	12	135.0	144	47.2	-	-	125	-	990
WEST SIDE SOUTH CHANNEL	21	47.0	332	249.2	-	-	-	-	4,035
EAST SIDE SOUTH CHANNEL	22	56.5	487	362.6	-	-	-	-	4,510
NORTHERN EDGE AND NORTHEAST PEAK.	3	4.0	36	29.8	-	-	-	-	500
CENTRAL AND SOUTHEAST GEORGES . .	21	40.3	365	270.0	-	-	-	-	725
SOUTHWEST GEORGES	23	44.5	384	293.3	-	-	-	-	1,815
NANTUCKET SHOALS AND LIGHTSHIP GD	18	109.7	341	646.6	-	-	-	-	3,925
OFF NO MANS LAND.	5	6.5	43	28.7	-	-	-	-	-
RHODE ISLAND SHORE.	3	8.0	42	30.8	-	-	-	-	-
ATLANTIC OCEAN.	2	2.0	17	14.0	-	-	-	-	-

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		BLACK-BACK
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SCALLOP DREDGES: - CONTINUED									
LONG ISLAND SOUND	2	2.0	16	14.0	-	-	-	-	-
CHOLERA BANK	11	12.0	112	93.7	-	-	-	-	-
OFF LONG ISLAND	40	121.0	987	826.4	-	-	-	-	-
ATLANTIC OCEAN	37	92.0	807	661.7	-	-	-	-	-
HUDSON CANYON	39	194.5	1,726	1,446.8	-	-	-	-	-
OFF LABRADOR	7	8.0	80	46.0	-	-	-	-	-
FIVE FATHOM BANK	24	51.0	495	358.4	-	-	-	-	-
ATLANTIC OCEAN	22	40.5	395	267.6	-	-	-	-	-
ATLANTIC OCEAN	6	8.0	76	52.8	-	-	-	-	-
ATLANTIC OCEAN	2	1.5	17	11.0	-	-	-	-	-
TOTAL	1/ 67	984.0	7,402	5,750.6	-	-	125	-	16,500
POUND NETS (TRAPS):									
EASTERN MASSACHUSETTS	2	302.0	302	302.0	862	6,155	-	-	-
SOUTHERN MASSACHUSETTS	5	414.0	414	414.0	-	292	-	-	1,190
TOTAL	1/ 7	716.0	716	716.0	862	6,447	-	-	1,190
OTTER LOBSTER TRAWLS:									
EAST SIDE SOUTH CHANNEL	1	1.0	11	7.5	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	12	12.5	135	92.6	-	-	-	-	-
SOUTHWEST GEORGES	19	71.3	629	409.3	-	2,750	875	-	9,575
NANTUCKET SHOALS AND LIGHTSHIP GD.	23	82.0	566	380.2	-	300	-	-	10,535
OFF NO MANS LAND	9	15.1	85	56.7	-	450	-	-	1,750
ATLANTIC OCEAN	5	7.0	70	51.5	-	-	-	-	-
HUDSON CANYON	1	3.0	31	23.5	-	-	-	-	-
TOTAL	1/ 38	191.9	1,527	1,021.3	-	3,500	875	-	21,860
DANISH SEINE, EASTERN MASSACHUSETTS	1	3.0	3	1.1	-	190	-	-	70
TOTAL	1	3.0	3	1.1	-	190	-	-	70
LOBSTER POTS:									
WEST SIDE SOUTH CHANNEL	1	1.0	4	3.0	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	2	6.0	25	13.0	-	-	-	-	-
SOUTHWEST GEORGES	2	13.0	65	47.5	-	-	-	-	-
TOTAL	1/ 2	20.0	94	63.5	-	-	-	-	-
GRAND TOTAL	1/ 600	21,602.0	53,562	33,029.1	11,946,338	16,450,164	6,515,850	1,075,793	11,889,568

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED					HADDOCK, DRAWN			HAKE	
	DAB	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	RED, ROUND	WHITE, DRESSED LARGE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:										
WESTERN MAINE	-	-	-	-	-	9,225	1,350	-	-	400
EASTERN MASSACHUSETTS	-	-	-	-	-	90,880	22,145	-	100	1,390
INNER GROUNDS	40	-	-	-	-	25,290	4,000	-	-	825
WEST SIDE SOUTH CHANNEL	265	15	25	75	-	935,320	21,470	-	115	2,300
TOTAL	305	15	25	75	-	1,060,715	48,965	-	215	4,915
HANDLINES:										
EASTERN MASSACHUSETTS	-	-	-	-	-	1,050	375	-	-	-
WEST SIDE SOUTH CHANNEL	-	-	340	210	-	39,682	135	-	90	-
TOTAL	-	-	340	210	-	40,732	510	-	90	-
OTTER TRAWLS (ALL SIZES):										
EASTERN BROWNS AND LAHAVE	7,403	-	2,627	700	2,403	237,650	432,255	-	-	662
SOUTHERN NOVA SCOTIA	3,448	-	765	200	1,150	64,355	178,918	-	-	108
WESTERN BROWNS	49,297	-	9,482	1,300	35,425	1,165,960	2,307,173	7,040	-	7,623
WESTERN NOVA SCOTIA	22,983	-	6,733	500	4,345	75,895	231,595	-	-	1,363
SOUTHERN BAY OF FUNDY	28,855	-	19,335	75	5,025	291,905	463,135	-	-	8,005
NORTHERN BAY OF FUNDY	34,094	-	26,482	-	8,095	242,550	338,470	-	-	16,350
EASTERN MAINE	8,710	-	6,740	-	1,600	77,625	100,535	-	-	3,030
CENTRAL MAINE	3,275	-	29,250	-	-	10,312	15,625	-	-	3,175
WESTERN MAINE	307,699	-	526,924	-	9,225	509,404	890,280	-	6,655	137,733
EASTERN MASSACHUSETTS	1,118,408	-	918,550	7,013	2,136,577	1,758,075	1,667,400	-	179,345	49,780
INNER GROUNDS	1,680	-	13,275	-	4,000	28,608	29,600	-	-	810
WEST SIDE SOUTH CHANNEL	662,729	7,350	975,599	81,508	1,250,218	10,262,219	7,203,540	16,610	17,575	130,677
EAST SIDE SOUTH CHANNEL	2,491,411	-	1,496,212	223,429	1,096,999	6,407,152	3,718,103	-	-	51,979
NORTHERN EDGE AND NORTHEAST PEAK	122,786	-	43,982	100,512	287,004	3,669,053	4,128,864	-	-	25,040
CENTRAL AND SOUTHEAST GEORGES	207,493	350	71,402	569,092	21,602,307	4,081,281	2,881,124	375	-	2,270
SOUTHWEST GEORGES	76,272	300	187,038	151,544	5,063,786	1,923,783	1,093,198	-	-	4,210
NANTUCKET SHOALS AND LIGHTSHIP GD.	90,900	39,310	525,240	153,579	17,417,375	1,492,213	838,907	-	-	3,895
OFF NO MANS LAND	19,510	23,130	170,000	2,600	6,704,467	6,045	1,698	-	-	4,105
SOUTHERN MASSACHUSETTS	1,055	50,721	4,020	19,605	96,665	40	145	-	-	900
RHODE ISLAND SHORE	-	180	7,865	-	1,099,895	-	-	-	-	-
ATLANTIC OCEAN	-	-	-	-	291,730	-	100	-	-	-
OFF LONG ISLAND	-	350	1,200	-	554,100	70	50	-	-	-
TOTAL	5,258,008	121,691	5,042,721	1,311,657	57,672,391	32,304,195	26,520,715	24,025	203,575	451,715
SINK GILL NETS, EASTERN MASSACHUSETTS	85	-	-	-	10	31,815	855	-	-	12,265
TOTAL	85	-	-	-	10	31,815	855	-	-	12,265
SCALLOP DREDGES:										
EASTERN MASSACHUSETTS	15	-	-	-	195	-	-	-	-	-
WEST SIDE SOUTH CHANNEL	-	-	-	250	-	-	-	-	-	-
EAST SIDE SOUTH CHANNEL	-	-	-	1,375	1,675	250	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	500	-	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	-	-	125	500	1,125	-	-	-	-	-
SOUTHWEST GEORGES	-	-	-	125	425	-	-	-	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED					HADDOCK, DRAWN			HAKE	
	DAB	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	RED, ROUND	WHITE, DRESSED LARGE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SCALLOP DREDGES: - CONTD.										
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-	225	125	-	-	-	-	-
OFF NO MANS LAND.	-	-	-	-	1,450	-	-	-	-	-
ATLANTIC OCEAN.	-	-	-	-	750	-	-	-	-	-
OFF LONG ISLAND	-	-	-	-	400	-	-	-	-	-
ATLANTIC OCEAN.	-	200	75	-	200	-	-	-	-	-
HUDSON CANYON	-	550	75	-	5,060	-	-	-	-	-
OFF LABRADOR.	-	2,860	-	-	-	-	-	-	-	-
FIVE FATHOM BANK.	-	1,595	395	-	2,325	-	-	-	-	-
ATLANTIC OCEAN.	-	2,460	-	-	-	-	-	-	-	-
ATLANTIC OCEAN.	-	4,150	-	-	-	-	-	-	-	-
TOTAL	15	11,815	670	2,975	13,730	250	-	-	-	-
POUND NETS (TRAPS), SOUTHERN MASSACHUSETTS	-	1,031	-	-	-	-	-	-	-	-
TOTAL	-	1,031	-	-	-	-	-	-	-	-
OTTER LOBSTER TRAWLS:										
SOUTHWEST GEORGES	-	-	-	2,000	5,325	2,000	4,360	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	815	850	800	42,625	1,850	125	-	-	-
OFF NO MANS LAND.	-	-	-	-	1,125	-	-	-	-	-
HUDSON CANYON	-	-	2,080	-	-	-	-	-	-	-
TOTAL	-	815	2,930	2,800	49,075	3,850	4,485	-	-	-
DANISH SEINE, EASTERN MASSACHUSETTS.	350	-	3,055	-	1,020	45	145	-	-	-
TOTAL	350	-	3,055	-	1,020	45	145	-	-	-
GRAND TOTAL	5,258,763	135,367	5,049,741	1,317,717	57,736,226	33,441,602	26,575,675	24,025	203,880	468,895

GEAR AND SUBAREA	HAKE-CONTD. WHITE, DRESSED-CONTINUED MEDIUM	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:										
WESTERN MAINE	200	200	-	-	-	-	-	-	-	-
EASTERN MASSACHUSETTS	20	24,781	-	-	-	1,250	-	-	-	-
INNER GROUNDS	235	1,802	-	-	-	7,100	-	-	-	-
WEST SIDE SOUTH CHANNEL	24,780	53,183	205	-	63	51,387	-	-	-	-
TOTAL	25,235	79,966	205	-	63	59,737	-	-	-	-
HANDLINES:										
EASTERN MASSACHUSETTS	-	344	17,872	-	-	34,815	-	-	-	18,710
WEST SIDE SOUTH CHANNEL	3,740	556	50	-	15	53,386	619	-	-	-
TOTAL	3,740	900	17,922	-	15	88,201	619	-	-	18,710

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	HAKE - CONTD. WHITE, DRESSED-CONTD. MEDIUM	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
HARPOONS:										
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-	53,855
WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	2,295	-	-
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-	-	-	-	-	98,197	-	-
TOTAL	-	-	-	-	-	-	-	100,492	-	53,855
LONGLINES:										
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-			-	-	1,771	-	-
ATLANTIC OCEAN.	-	-	-	-	-	-	-	5,036	-	-
OFF NO MANS LAND.	-	-	-	-	-	-	-	32,451	-	1,585
SOUTHERN MASSACHUSETTS.	-	-	-	-	-	-	-	8,500	-	-
ATLANTIC OCEAN.	-	-	-	-	-	-	-	9,234	-	430
HUDSON CANYON	-	-	-	-	-	-	-	5,035	-	-
TOTAL	-	-	-	-	-	-	-	62,027	-	2,015
OTTER TRAWLS (ALL SIZES):										
EAST GULF ST. LAWRENCE.	-	120	-	-	747,400	-	-	-	-	-
NORTH GULF ST. LAWRENCE	-	180	-	-	294,600	-	-	-	-	-
NORTHEAST CAPE BRETON	-	-	-	-	26,700	-	-	-	-	-
MIDDLE GROUND	-	-	-	-	18,000	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK . . .	-	-	-	-	35,600	-	-	-	-	-
HORSESHOE GROUND.	-	290	-	-	206,500	-	-	-	-	-
EASTERN NOVA SCOTIA	-	140	-	-	188,000	-	-	-	-	-
CENTRAL NOVA SCOTIA	-	199	-	-	193,300	-	-	-	-	-
EASTERN BROWNS AND LAHAVE	-	986	-	-	36,200	7,195	-	-	-	-
SOUTHERN NOVA SCOTIA.	-	448	-	-	71,300	9,178	-	-	-	-
WESTERN BROWNS.	2,817	3,968	-	-	7,790	75,407	-	-	-	-
WESTERN NOVA SCOTIA	3,853	1,649	-	-	8,080	81,325	-	-	-	-
SOUTHERN BAY OF FUNDY	54,220	2,547	-	-	28,300	62,730	-	-	-	-
NORTHERN BAY OF FUNDY	27,472	1,797	-	-	50,540	31,752	-	-	-	-
EASTERN MAINE	10,250	575	-	-	28,740	8,455	-	-	-	-
CENTRAL MAINE	575	230	-	-	1,500	6,050	-	-	-	-
WESTERN MAINE	34,739	4,886	280	-	261,755	568,202	-	-	-	-
EASTERN MASSACHUSETTS	61,482	7,990	39,526	-	243,140	552,254	5	-	-	-
INNER GROUNDS	1,115	35	-	-	6,040	5,078	-	-	-	-
WEST SIDE SOUTH CHANNEL	156,172	18,330	2,780	-	764,595	1,702,771	-	-	625	-
EAST SIDE SOUTH CHANNEL	108,440	16,727	-	-	223,705	578,679	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK.	78,100	10,536	-	-	110,725	483,692	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES . .	10,480	4,772	-	-	6,800	129,145	-	-	-	-
SOUTHWEST GEORGES	2,775	2,222	-	-	7,250	44,785	-	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP GD.	3,625	663	-	-	2,000	21,080	325	-	1,505	-
OFF NO MANS LAND.	-	8	-	-	-	588	550	-	375	-
SOUTHERN MASSACHUSETTS.	25	9	-	-	-	652	238,587	-	-	-
RHODE ISLAND SHORE.	-	-	-	-	-	-	600	-	-	-
OFF LONG ISLAND	-	-	-	-	-	-	4,500	-	-	-
TOTAL	556,140	79,307	42,586	-	3,568,560	4,369,018	244,567	-	2,505	-
FLOATING TRAPS, EASTERN MASSACHUSETTS.	-	-	572,170	-	-	-	-	-	-	-
TOTAL	-	-	572,170	-	-	-	-	-	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	HAKE-CONTD. WHITE, DRESSED-CONTD. MEDIUM	HALIBUT, DRAWN	MACKEREL, DRAWN	MENHADEN, DRAWN	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SINK GILL NETS,										
EASTERN MASSACHUSETTS.	130	692	-	-	-	338,455	-	-	-	-
TOTAL	130	692	-	-	-	338,455	-	-	-	-
DRIFT GILL NETS,										
EASTERN MASSACHUSETTS.	-	-	188,849	-	-	-	-	-	-	-
TOTAL	-	-	188,849	-	-	-	-	-	-	-
PURSE SEINES:										
EASTERN MASSACHUSETTS	-	-	1,140,630	-	-	-	-	-	-	-
WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-	239,542
OFF NO MANS LAND.	-	-	-	-	-	-	-	-	-	997,370
CHOLERA BANK.	-	-	-	-	-	-	-	-	-	20,000
OFF LONG ISLAND	-	-	-	-	-	-	-	-	-	32,000
TOTAL	-	-	1,140,630	-	-	-	-	-	-	1,288,912
POUND NETS (TRAPS):										
EASTERN MASSACHUSETTS	-	-	1,334,807	-	-	73,457	-	-	-	44,407
SOUTHERN MASSACHUSETTS.	-	-	312,331	7,550	-	-	440,845	-	-	1,763
TOTAL	-	-	1,647,138	7,550	-	73,457	440,845	-	-	46,170
OTTER LOBSTER TRAWLS,										
HUDSON CANYON.	465	-	-	-	-	-	-	-	-	-
TOTAL	465	-	-	-	-	-	-	-	-	-
GRAND TOTAL	585,710	160,865	3,609,500	7,550	3,568,638	4,928,868	686,031	162,519	2,505	1,409,662

GEAR AND SUBAREA	WHITING		WOLF-FISH, DRAWN	SEA SCALLOP MEATS	OTHER SPECIES	UNCLASSIFIED		TOTAL
	ROUND	DRESSED				FOR FOOD	FOR INDUSTRIAL USE	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:								
WESTERN MAINE	-	-	100	-	-	-	-	33,375
EASTERN MASSACHUSETTS	-	-	340	-	830	119,365	-	431,637
INNER GROUNDS	-	-	625	-	-	-	-	79,927
WEST SIDE SOUTH CHANNEL	-	-	4,180	-	4,046	-	-	2,933,074
TOTAL	-	-	5,245	-	4,876	119,365	-	3,478,013
HANDLINES:								
EASTERN MASSACHUSETTS	-	-	-	-	46,868	73,925	-	225,834
WEST SIDE SOUTH CHANNEL	-	10	465	-	51,978	73	-	1,143,072
TOTAL	-	10	465	-	98,846	73,998	-	1,365,906

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	WHITING		WOLF-FISH, DRAWN	SEA SCALLOP MEATS	OTHER SPECIES	UNCLASSIFILD		TOTAL
	ROUND	DRESSED				FOR FOOD	FOR INDUSTRIAL USE	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SINK GILL NETS:								
EASTERN MASSACHUSETTS	-	-	20	-	623	772,125	-	1,913,866
OFF NO MANS LAND.	-	-	-	-	-	-	137,017	137,017
TOTAL	-	-	20	-	623	772,125	137,017	2,050,883
DRIFT GILL NETS, EASTERN MASSACHUSETTS.	-	-	-	-	-	-	-	189,294
TOTAL	-	-	-	-	-	-	-	189,294
PURSE SEINES:								
EASTERN MASSACHUSETTS	-	-	-	-	21,059,318	-	-	22,199,948
WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	926,610	1,166,152
OFF NO MANS LAND.	-	-	-	-	-	-	142,830	1,140,200
CHOLERA BANK.	-	-	-	-	-	-	-	20,000
OFF LONG ISLAND	-	-	-	-	-	-	-	32,000
TOTAL	-	-	-	-	21,059,318	-	1,069,440	24,558,300
SCALLOP DREDGES:								
EASTERN MASSACHUSETTS	-	-	-	29,272	2,730	-	-	33,327
WEST SIDE SOUTH CHANNEL	-	-	-	330,601	-	-	-	334,886
EAST SIDE SOUTH CHANNEL	-	-	-	446,362	-	-	-	454,172
NORTHERN EDGE AND NORTHEAST PEAK.	-	-	-	35,809	-	-	-	36,809
CENTRAL AND SOUTHEAST GEORGES . .	-	-	-	323,065	-	-	-	325,540
SOUTHWEST GEORGES	-	-	-	329,008	-	-	-	331,373
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-	779,133	-	-	-	783,408
OFF NO MANS LAND.	-	-	-	32,142	-	-	-	33,592
RHODE ISLAND SHORE.	-	-	-	29,427	-	-	-	29,427
ATLANTIC OCEAN.	-	-	-	10,611	-	-	-	11,361
LONG ISLAND SOUND	-	-	-	24,661	-	-	-	24,661
CHOLERA BANK.	-	-	-	138,246	-	-	-	138,246
OFF LONG ISLAND	-	-	-	962,387	-	-	-	962,787
ATLANTIC OCEAN.	-	-	-	1,014,114	-	-	-	1,014,589
HUDSON CANYON	-	-	-	2,147,411	-	-	-	2,153,096
OFF LABRADOR.	-	-	-	76,441	-	-	-	79,301
FIVE FATHOM BANK.	-	-	-	523,336	-	-	-	527,651
ATLANTIC OCEAN.	-	-	-	369,049	-	-	-	371,509
ATLANTIC OCEAN.	-	-	-	86,757	-	-	-	90,907
ATLANTIC OCEAN.	-	-	-	15,547	-	-	-	15,547
TOTAL	-	-	-	7,703,379	2,730	-	-	7,752,189
POUND NETS (TRAPS):								
EASTERN MASSACHUSETTS	-	-	-	-	708,936	-	-	2,168,624
SOUTHERN MASSACHUSETTS.	-	-	-	-	603,454	-	-	1,368,456
TOTAL	-	-	-	-	1,312,390	-	-	3,537,080
OTTER LOBSTER TRAWLS:								
EAST SIDE SOUTH CHANNEL	-	-	-	-	7,500	-	-	7,500
CENTRAL AND SOUTHEAST GEORGES . .	-	-	-	-	80,269	3,500	-	83,769
SOUTHWEST GEORGES	-	-	-	-	527,945	-	-	554,830

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	WHITING		WOLFFISH, DRAWN	SEA SCALLOP MEATS	OTHER SPECIES	UNCLASSIFIED		TOTAL
	ROUND	DRESSED				FOR FOOD	FOR INDUSTRIAL USE	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
HARPOONS:								
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	53,855
WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	2,295
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-	-	-	-	-	98,197
TOTAL	-	-	-	-	-	-	-	154,347
LONGLINES:								
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-	-	-	-	-	1,771
ATLANTIC OCEAN.	-	-	-	-	-	-	-	5,036
OFF NO MANS LAND.	-	-	-	-	357	-	-	34,393
SOUTHERN MASSACHUSETTS.	-	-	-	-	-	-	-	8,500
ATLANTIC OCEAN.	-	-	-	-	-	-	-	9,664
HUDSON CANYON	-	-	-	-	-	-	-	5,035
TOTAL	-	-	-	-	357	-	-	64,399
OTTER TRAWLS (ALL SIZES):								
EAST GULF ST. LAWRENCE.	-	-	-	-	-	-	-	747,520
NORTH GULF ST. LAWRENCE	-	-	-	-	-	-	-	294,780
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	26,700
MIDDLE GROUND	-	-	-	-	-	-	-	18,000
SOUTHEAST SABLE ISLAND BANK . . .	-	-	-	-	-	-	-	38,275
HORSESHOE GROUND.	-	-	-	-	-	-	-	206,790
EASTERN NOVA SCOTIA	-	-	-	-	-	-	-	188,140
CENTRAL NOVA SCOTIA	-	-	-	-	-	-	-	193,499
EASTERN BROWNS AND LAHAVE	-	-	6,322	-	100	-	-	849,895
SOUTHERN NOVA SCOTIA.	-	-	6,310	-	-	-	-	389,331
WESTERN BROWNS.	-	1,800	107,134	-	7,195	-	-	4,346,875
WESTERN NOVA SCOTIA	-	-	4,131	-	150	-	-	539,313
SOUTHERN BAY OF FUNDY	-	-	2,700	-	-	-	-	1,482,408
NORTHERN BAY OF FUNDY	-	-	930	-	-	-	-	1,135,405
EASTERN MAINE	-	-	280	-	-	-	-	338,290
CENTRAL MAINE	-	-	-	-	1,750	-	-	123,980
WESTERN MAINE	10,612,250	-	17,909	-	17,813	65,275	-	16,419,161
EASTERN MASSACHUSETTS	14,868,955	78,075	69,352	432	447,967	5,796,706	140,540	35,915,910
INNER GROUNDS	2,000	-	30	-	850	-	-	110,984
WEST SIDE SOUTH CHANNEL	11,795,110	834,747	75,237	-	182,943	22,047	111,600	46,951,093
EAST SIDE SOUTH CHANNEL	414,600	2,100	27,149	-	12,371	6,000	150	23,025,387
NORTHERN EDGE AND NORTHEAST PEAK.	-	-	48,800	-	31,895	-	-	12,397,389
CENTRAL AND SOUTHEAST GEORGES . .	-	-	15,793	-	59,636	-	-	34,048,214
SOUTHWEST GEORGES	-	-	5,445	-	10,000	-	-	9,794,383
NANTUCKET SHOALS AND LIGHTSHIP GD.	604,925	-	2,305	-	57,011	1,125	6,673,425	34,245,080
OFF NO MANS LAND.	602,900	5,950	-	-	14,810	47,030	26,657,682	34,824,448
SOUTHERN MASSACHUSETTS.	58,665	-	-	-	15,406	65,305	1,576,700	3,386,432
RHODE ISLAND SHORE.	-	-	-	-	100	-	597,460	1,728,516
ATLANTIC OCEAN.	-	-	-	-	10,100	-	747,500	1,062,480
OFF LONG ISLAND	-	-	-	-	375	-	355,830	[illegible]
TOTAL	38,959,405	922,672	389,827	432	870,472	6,003,488	36,860,887	265,757,728
FLOATING TRAPS,								
EASTERN MASSACHUSETTS.	-	-	-	-	-	12,625	-	584,795
TOTAL	-	-	-	-	-	12,625	-	584,795

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1968 - Continued

GEAR AND SUBAREA	WHITING		WOLF-FISH, DRAWN	SEA SCALLOP MEATS	OTHER SPECIES	UNCLASSIFIED .		TOTAL
	ROUND	DRESSED				FOR FOOD	FOR INDUS-TRIAL USE	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER LOBSTER TRAWLS: - CONTD.								
NANTUCKET SHOALS AND LIGHTSHIP GD.	-	-	-	-	329,106	-	-	387,006
OFF NO MANS LAND.	-	-	-	-	53,704	-	-	57,029
ATLANTIC OCEAN.	-	-	-	-	52,427	-	-	52,427
HUDSON CANYON	-	-	-	-	23,300	-	-	25,845
TOTAL	-	-	-	-	1,074,251	3,500	-	1,168,406
DANISH SEINE,								
EASTERN MASSACHUSETTS.	3,885	-	-	-	-	-	-	8,760
TOTAL	3,885	-	-	-	-	-	-	8,760
LOBSTER POTS:								
WEST SIDE SOUTH CHANNEL	-	-	-	-	5,000	-	-	5,000
CENTRAL AND SOUTHEAST GEORGES . .	-	-	-	-	23,710	-	-	23,710
SOUTHWEST GEORGES	-	-	-	-	54,000	-	-	54,000
TOTAL	-	-	-	-	82,710	-	-	82,710
GRAND TOTAL	38,963,290	922,682	395,557	7,703,811	24,506,573	6,985,101	38,067,344	310,755,810

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--ALL SPECIES ARE LISTED AS LANDED WEIGHT. LANDED WEIGHT OF FINFISH MAY BE CONVERTED TO ROUND WEIGHT BY MULTIPLYING BY THE FOLLOWING FACTORS: COD, DRAWN 1.17; CUSK, DRAWN 1.13; HADDOCK, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; WHITING, DRESSED 1.66; AND WOLFFISH, DRAWN 1.20. THIS REPORT INCLUDES ALL LANDINGS IN MASSACHUSETTS EXCEPT THE INSHORE CATCH OF SHELLFISH, ETC., (PRINCIPALLY LOBSTERS, CLAMS, IRISH MOSS, SEA MUSSELS, AND BAY SCALLOPS) AND LESSER QUANTITIES OF FINFISH (ALEWIVES, STRIPED BASS, MACKEREL, ETC.). THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH LANDED: "ROUND," AS CAUGHT; "DRAWN," EVISCERATED; AND "DRESSED," EVISCERATED AND HEADED. THE CATEGORY "OTHER MASSACHUSETTS PORTS" INCLUDED PLYMOUTH, PROVINCETOWN, AND OTHER CAPE COD PORTS. A SINGLE TRIP IS REPORTED FOR EACH VOYAGE. DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY, THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN A CRAFT OPERATED IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH TAKEN IN EACH SUBAREA. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO THE NEAREST TENTH OF A DAY. TO OBTAIN FISHING TIME IN HOURS, MULTIPLY NUMBER OF DAYS FISHED BY 24.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1968

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND	
					LARGE	MARKET	SCROD		BLACK-BACK	DAB
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):										
EAST GULF OF ST. LAWRENCE	2	3.7	58	19.6	-	-	-	-	-	-
NORTH GULF OF ST. LAWRENCE	1	1.2	20	11.0	-	-	-	-	-	-
TOTAL	1/ 2	4.9	78	30.6	-	-	-	-	-	-
OFF NOVA SCOTIA (AREA XXI):										
NORTHEAST CAPE BRETON	1	.3	5	1.0	-	-	-	-	-	-
MIDDLE GROUND	1	.1	2	.2	-	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK	1	.2	2	.7	-	2,675	-	-	-	-
HORSESHOE GROUND	2	2.6	21	5.7	-	-	-	-	-	-
EASTERN NOVA SCOTIA	1	2.0	23	6.8	-	-	-	-	-	-
CENTRAL NOVA SCOTIA	1	1.7	22	7.2	-	-	-	-	-	-
EASTERN BROWN AND LAHAVE	17	11.9	117	78.1	30,195	40,472	31,000	11,375	2,350	7,403
SOUTHERN NOVA SCOTIA	14	5.9	60	32.5	12,388	20,620	15,075	4,588	480	3,448
WESTERN BROWNS	45	66.5	565	385.9	187,465	190,526	121,161	35,116	23,196	49,297
WESTERN NOVA SCOTIA	23	11.9	95	65.8	18,658	38,210	25,298	13,545	1,000	22,983
SOUTHERN BAY OF FUNDY	22	30.8	269	194.2	85,005	297,743	118,078	10,750	4,000	28,855
NORTHERN BAY OF FUNDY	20	24.3	225	152.8	70,717	232,767	43,497	9,472	420	34,094
TOTAL	1/ 54	158.2	1,406	930.9	404,428	823,013	354,109	84,846	31,446	146,080
NEW ENGLAND (AREA XXII):										
EASTERN MAINE	10	7.3	71	42.0	20,030	42,100	24,970	4,550	100	8,710
CENTRAL MAINE	7	5.7	30	13.9	10,275	30,450	8,338	3,175	-	3,275
WESTERN MAINE	65	675.1	1,273	740.2	548,354	1,407,489	390,455	122,929	805	307,699
EASTERN MASSACHUSETTS	301	10,725.4	11,297	5,266.4	1,768,321	2,343,336	631,985	179,350	1,819,385	1,118,858
INNER GROUNDS	11	17.2	53	33.4	18,340	16,580	3,803	17,790	1,360	1,720
WEST SIDE SOUTH CHANNEL	302	4,432.5	8,782	5,263.5	4,190,624	5,020,639	1,761,722	336,133	2,198,396	662,994
EAST SIDE SOUTH CHANNEL	163	618.6	4,442	3,075.2	1,692,998	2,284,467	1,487,084	159,564	530,578	2,491,411
NORTHERN EDGE AND NORTHEAST PEAK	73	204.6	1,742	1,210.9	1,240,394	924,145	739,336	128,058	224,967	122,786
CENTRAL AND SOUTHEAST	168	835.2	6,319	4,100.7	1,422,394	1,183,655	588,887	23,315	1,188,368	207,493
SOUTHWEST GEORGES	143	380.3	2,835	1,884.6	248,275	389,000	252,329	10,288	336,898	76,272
NANTUCKET SHOALS AND LIGHTSHIP GD.	178	1,252.8	6,645	4,372.2	326,940	1,561,701	238,852	4,420	4,198,519	90,900
ATLANTIC OCEAN	1	.5	5	3.5	-	-	-	-	-	-
OFF NO MANS LAND	107	762.9	2,058	1,153.0	28,825	181,695	11,300	25	343,355	19,510
SOUTHERN MASSACHUSETTS	41	811.8	1,139	743.7	21,190	211,959	21,930	1,350	1,002,985	1,055
RHODE ISLAND SHORE	30	86.0	336	169.1	2,725	16,885	500	-	2,306	-
TOTAL	1/ 593	20,815.9	47,027	28,072.3	11,539,685	15,614,101	6,161,491	990,947	11,848,022	5,112,683
OFF MIDDLE ATLANTIC (AREA XXIII):										
ATLANTIC OCEAN	11	44.0	180	127.8	850	5,850	250	-	6,100	-
LONG ISLAND SOUND	2	2.0	16	14.0	-	-	-	-	-	-
CHOLERA BANK	12	12.4	115	94.7	-	-	-	-	-	-
OFF LONG ISLAND	49	165.6	1,108	887.5	1,375	7,200	-	-	4,000	-
ATLANTIC OCEAN	37	92.0	807	661.7	-	-	-	-	-	-
HUDSON CANYON	41	198.0	1,762	1,473.8	-	-	-	-	-	-
OFF LABRADOR	7	8.0	80	46.0	-	-	-	-	-	-
FIVE FATHOM BANK	24	51.0	495	358.4	-	-	-	-	-	-
ATLANTIC OCEAN	22	40.5	395	267.6	-	-	-	-	-	-
ATLANTIC OCEAN	6	8.0	76	52.8	-	-	-	-	-	-

SEE NOTE ON PAGE 142.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1968 - Continued

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND	
					LARGE	MARKET	SCROD		BLACK-BACK	DAB
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF MIDDLE ATLANTIC (AREA XXIII): - CONTD.										
ATLANTIC OCEAN.	2	1.5	17	11.0	-	-	-	-	-	-
TOTAL	1/ 69	623.0	5,051	3,995.3	2,225	13,050	250	-	10,100	-
GRAND TOTAL	600	21,602.0	53,562	33,029.1	11,946,338	16,450,164	6,515,850	1,075,793	11,889,568	5,258,763

AREA AND SUBAREA	FLOUNDERS, ROUND - CONTINUED				HADDOCK, DRAWN			HAKE		
	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	RED, ROUND	WHITE, DRESSED	
									LARGE	MEDIUM
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF NOVA SCOTIA (AREA XXI):										
EASTERN BROWNS AND LAHAVE	-	2,627	700	2,403	237,650	432,255	-	-	662	-
SOUTHERN NOVA SCOTIA.	-	765	200	1,150	64,355	178,918	-	-	108	-
WESTERN BROWNS.	-	9,482	1,300	35,425	1,165,960	2,307,173	7,040	-	7,623	2,817
WESTERN NOVA SCOTIA	-	6,733	500	4,345	75,895	231,595	-	-	1,363	3,853
SOUTHERN BAY OF FUNDY	-	19,335	75	5,025	291,905	463,135	-	-	8,005	54,220
NORTHERN BAY OF FUNDY	-	26,482	-	8,095	242,550	338,470	-	-	16,350	27,472
TOTAL	-	65,424	2,775	56,443	2,078,315	3,951,546	7,040	-	34,111	88,362
NEW ENGLAND (AREA XXII):										
EASTERN MAINE	-	6,740	-	1,600	77,625	100,535	-	-	3,030	10,250
CENTRAL MAINE	-	29,250	-	-	10,312	15,625	-	-	3,175	575
WESTERN MAINE	-	526,924	-	9,225	518,629	891,630	-	6,655	138,133	34,939
EASTERN MASSACHUSETTS	-	921,605	7,013	2,137,802	1,881,865	1,690,920	-	179,445	63,435	61,632
INNER GROUNDS	-	13,275	-	4,000	53,898	33,600	-	-	1,635	1,350
WEST SIDE SOUTH CHANNEL	7,365	975,964	82,043	1,250,218	11,237,221	7,225,145	16,610	17,780	132,977	184,692
EAST SIDE SOUTH CHANNEL	-	1,496,212	224,804	1,098,674	6,407,402	3,718,103	-	-	51,979	108,440
NORTHERN EDGE AND NORTHEAST PEAK.	-	43,982	101,012	287,004	3,669,053	4,128,864	-	-	25,040	78,100
CENTRAL AND SOUTHEAST GEORGES . .	350	71,527	569,592	21,603,432	4,081,281	2,881,124	375	-	2,270	10,480
SOUTHWEST GEORGES	300	187,038	153,669	5,069,536	1,925,783	1,097,558	-	-	4,210	2,775
NANTUCKET SHOALS AND LIGHTSHIP GD.	40,125	526,090	154,604	17,460,125	1,494,063	839,032	-	-	3,895	3,625
OFF NO MANS LAND.	23,130	170,000	2,600	6,707,042	6,045	1,698	-	-	4,105	-
SOUTHERN MASSACHUSETTS.	51,752	4,020	19,605	96,665	40	145	-	-	900	25
RHODE ISLAND SHORE.	180	7,865	-	1,099,895	-	-	-	-	-	-
TOTAL	123,202	4,980,492	1,314,942	56,825,218	31,363,217	22,623,979	16,985	203,880	434,784	496,883
OFF MIDDLE ATLANTIC (AREA XXIII):										
ATLANTIC OCEAN.	-	-	-	292,480	-	100	-	-	-	-
OFF LONG ISLAND	350	1,200	-	554,500	70	50	-	-	-	-
ATLANTIC OCEAN.	200	75	-	200	-	-	-	-	-	-
HUDSON CANYON	550	2,155	-	5,060	-	-	-	-	-	465
OFF LABRADOR.	2,860	-	-	-	-	-	-	-	-	-
FIVE FATHOM BANK.	1,595	395	-	2,325	-	-	-	-	-	-
ATLANTIC OCEAN.	2,460	-	-	-	-	-	-	-	-	-
ATLANTIC OCEAN.	4,150	-	-	-	-	-	-	-	-	-
TOTAL	12,165	3,825	-	854,565	70	150	-	-	-	465
GRAND TOTAL	135,367	5,049,741	1,317,717	57,736,226	33,441,602	26,575,675	24,025	203,880	468,895	585,710

SEE NOTE ON PAGE 142.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1968 - Continued

AREA AND SUBAREA	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):									
EAST GULF OF ST. LAWRENCE	120	-	-	747,400	-	-	-	-	-
NORTH GULF OF ST. LAWRENCE. . . .	180	-	-	294,600	-	-	-	-	-
TOTAL	300	-	-	1,042,000	-	-	-	-	-
OFF NOVA SCOTIA (AREA XXI):									
NORTHEAST CAPE BRETON	-	-	-	26,700	-	-	-	-	-
MIDDLE GROUND	-	-	-	18,000	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK . . .	-	-	-	35,600	-	-	-	-	-
HORSESHOE GROUND.	290	-	-	206,500	-	-	-	-	-
EASTERN NOVA SCOTIA	140	-	-	188,000	-	-	-	-	-
CENTRAL NOVA SCOTIA	199	-	-	193,300	-	-	-	-	-
EASTERN BROWNS AND LAHAVE	986	-	-	36,200	7,195	-	-	-	-
SOUTHERN NOVA SCOTIA.	448	-	-	71,300	9,178	-	-	-	-
WESTERN BROWNS.	3,968	-	-	7,790	75,407	-	-	-	-
WESTERN NOVA SCOTIA	1,649	-	-	8,080	91,325	-	-	-	-
SOUTHERN BAY OF FUNDY	2,547	-	-	28,300	62,730	-	-	-	-
NORTHERN BAY OF FUNDY	1,797	-	-	50,540	31,752	-	-	-	-
TOTAL	12,024	-	-	870,310	267,587	-	-	-	-
NEW ENGLAND (AREA XXII):									
EASTERN MAINE	575	-	-	28,740	8,455	-	-	-	-
CENTRAL MAINE	230	-	-	1,500	6,050	-	-	-	-
WESTERN MAINE	5,086	280	-	261,755	568,202	-	-	-	-
EASTERN MASSACHUSETTS	33,807	3,293,854	-	243,140	1,000,231	5	-	-	116,972
INNER GROUNDS	1,837	-	-	6,040	12,178	-	-	-	-
WEST SIDE SOUTH CHANNEL	72,069	3,035	-	764,673	1,807,544	619	2,295	625	239,542
EAST SIDE SOUTH CHANNEL	16,727	-	-	223,705	578,679	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK.	10,536	-	-	110,725	483,692	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES . .	4,772	-	-	6,800	129,145	-	-	-	-
SOUTHWEST GEORGES	2,222	-	-	7,250	44,785	-	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP GD.	663	-	-	2,000	21,080	325	99,968	1,505	-
ATLANTIC OCEAN.	-	-	-	-	-	-	5,036	-	-
OFF NO MANS LAND.	8	-	-	-	588	550	32,451	375	998,955
SOUTHERN MASSACHUSETTS.	9	312,331	7,550	-	652	679,432	8,500	-	1,763
RHODE ISLAND SHORE.	-	-	-	-	-	600	-	-	-
TOTAL	148,541	3,609,500	7,550	1,656,328	4,661,281	681,531	148,250	2,505	1,357,232
OFF MIDDLE ATLANTIC (AREA XXIII):									
ATLANTIC OCEAN.	-	-	-	-	-	-	9,234	-	430
CHOLERA BANK.	-	-	-	-	-	-	-	-	20,000
OFF LONG ISLAND	-	-	-	-	-	4,500	-	-	32,000
HUDSON CANYON	-	-	-	-	-	-	5,035	-	
TOTAL	-	-	-	-	-	4,500	14,269	-	52,430
GRAND TOTAL	160,865	3,609,500	7,550	3,568,638	4,928,868	686,031	162,519	2,505	1,409,662

SEE NOTE ON PAGE 142.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1968 - Continued

AREA AND SUBAREA	WHITING		WOLF-FISH, DRAWN	SEA SCALLOP MEATS	OTHER SPECIES	UNCLASSIFIED		TOTAL
	ROUND	DRESSED				FOR FOOD	FOR INDUSTRIAL USE	
GULF OF ST. LAWRENCE (AREA XIX):	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
EAST GULF OF ST. LAWRENCE	-	-	-	-	-	-	-	747,520
NORTH GULF OF ST. LAWRENCE. . . .	-	-	-	-	-	-	-	294,780
TOTAL	-	-	-	-	-	-	-	1,042,300
OFF NOVA SCOTIA (AREA XXI):								
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	26,700
MIDDLE GROUND	-	-	-	-	-	-	-	18,000
SOUTHEAST SABLE ISLAND BANK . . .	-	-	-	-	-	-	-	38,275
HORSESHOE GROUND.	-	-	-	-	-	-	-	206,790
EASTERN NOVA SCOTIA	-	-	-	-	-	-	-	188,140
CENTRAL NOVA SCOTIA	-	-	-	-	-	-	-	193,499
EASTERN BROWNS AND LAHAVE	-	-	6,322	-	100	-	-	849,895
SOUTHERN NOVA SCOTIA.	-	-	6,310	-	-	-	-	389,331
WESTERN BROWNS.	-	1,800	107,134	-	7,195	-	-	4,346,875
WESTERN NOVA SCOTIA	-	-	4,131	-	150	-	-	539,313
SOUTHERN BAY OF FUNDY	-	-	2,700	-	-	-	-	1,482,408
NORTHERN BAY OF FUNDY	-	-	930	-	-	-	-	1,135,405
TOTAL	-	1,800	127,527	-	7,445	-	-	9,414,631
NEW ENGLAND (AREA XXII):								
EASTERN MAINE	-	-	280	-	-	-	-	338,290
CENTRAL MAINE	-	-	-	-	1,750	-	-	123,980
WESTERN MAINE	10,612,250	-	18,009	-	17,813	65,275	-	16,452,536
EASTERN MASSACHUSETTS	14,872,840	78,075	69,712	29,704	22,267,272	6,774,746	140,540	63,725,850
INNER GROUNDS	2,000	-	655	-	850	-	-	190,911
WEST SIDE SOUTH CHANNEL	11,795,110	834,757	79,882	330,601	243,967	22,120	1,038,210	52,535,572
EAST SIDE SOUTH CHANNEL	414,600	2,100	27,149	446,362	19,871	6,000	150	23,487,059
NORTHERN EDGE AND NORTHEAST PEAK.	-	-	48,800	35,809	31,895	-	-	12,434,198
CENTRAL AND SOUTHEAST GEORGES . .	-	-	15,793	323,065	163,615	3,500	-	34,481,233
SOUTHWEST GEORGES	-	-	5,445	329,008	591,945	-	-	10,734,586
NANTUCKET SHOALS AND LIGHTSHIP GD.	604,925	-	2,305	779,133	386,117	1,125	6,673,425	35,515,462
ATLANTIC OCEAN.	-	-	-	-	-	-	-	5,036
OFF NO MANS LAND.	602,900	5,950	-	32,142	68,871	47,030	26,937,529	36,226,679
SOUTHERN MASSACHUSETTS.	58,665	-	-	-	618,860	65,305	1,576,700	4,763,388
RHODE ISLAND SHORE.	-	-	-	29,427	100	-	597,460	1,757,943
TOTAL	38,963,290	920,882	268,030	2,335,251	24,412,926	6,985,101	36,964,014	292,772,723
OFF MIDDLE ATLANTIC (AREA XXIII):								
ATLANTIC OCEAN.	-	-	-	10,611	62,527	-	747,500	1,135,932
LONG ISLAND SOUND	-	-	-	24,661	-	-	-	24,661
CHOLERA BANK.	-	-	-	138,246	-	-	-	158,246
OFF LONG ISLAND	-	-	-	962,387	375	-	355,830	1,923,837
ATLANTIC OCEAN.	-	-	-	1,014,114	-	-	-	1,014,589
HUDSON CANYON	-	-	-	2,147,411	23,300	-	-	2,183,976
OFF LABRADOR.	-	-	-	76,441	-	-	-	79,301
FIVE FATHOM BANK.	-	-	-	523,336	-	-	-	527,651
ATLANTIC OCEAN.	-	-	-	369,049	-	-	-	371,509
ATLANTIC OCEAN.	-	-	-	86,757	-	-	-	90,907
ATLANTIC OCEAN.	-	-	-	15,547	-	-	-	15,547
TOTAL	-	-	-	5,368,560	86,202	-	1,103,330	7,526,156
GRAND TOTAL	38,963,290	922,682	395,557	7,703,811	24,506,573	6,985,101	38,067,344	310,755,810

SEE NOTE ON PAGE 142.

SECTION 3 - MIDDLE ATLANTIC FISHERIES

Commercial landings of fish and shellfish in the Middle Atlantic States (New York, New Jersey, and Delaware) were 186.5 million pounds worth $25.2 million--a gain of 24.5 million pounds (15 percent) and $1.6 million (7 percent) compared with the previous year. The greater volume resulted principally from a sharp increase in menhaden landings, and smaller increases in the catch of northern lobsters, sea scallops, oysters, striped bass, and industrial fish other than menhaden. Declines occurred in landings of surf clams, blue crabs, blackback flounder, fluke, tuna, scup, and whiting.

New Jersey led with 68 percent of the catch; New York had 32 percent; and Delaware, less than 1 percent. New York led in value with 57 percent; New Jersey had 42 percent; and Delaware, 1 percent.

Fishermen and vessels. The Middle Atlantic States had 8,740 fishermen--329 more than in 1967. The entire increase was in New York, principally among hard clam rakers. Commercial fishing craft consisted of 546 vessels of 5 net tons or more, 4,644 motor boats, and 286 other boats. Compared with 1967, this total represents a gain of 180 motor boats, but a decrease of 5 vessels, and 42 other boats.

Weather. In January and February, the bitterly cold, blustery weather froze bays and harbors. Many shellfish beds became inaccessible to fishermen, and most craft were confined to port. The weather hampered the otter trawl fishery, usually at its peak during these months, and prevented full production. November and December, also important for fishing, were marked by storms of unusual severity that limited landings and caused fishermen to stop fishing earlier than usual.

Menhaden. Landings of 86.3 million pounds of menhaden were 39.7 million (85 percent) greater than in 1967. The catch was the best in 3 years, but far less than the record 953.6 million pounds taken in 1956. There was no evidence that the fish were returning in their former abundance.

Partly as a result of the declining catch, the menhaden fleet is diminishing. Many of the older menhaden vessels have been sold or retired; consequently, the overall quality of the vessels in use is much improved compared with former years.

In 1968, three reduction plants operated--one more than in 1967. Two of the processors supplemented their production with industrial species other than menhaden.

Flounders. The catch of 11.3 million pounds was 2.6 million less than in the previous year. Compared with 1967, landings of fluke (3.4 million pounds) declined 33 percent and blackback flounder (2.3 million pounds), 32 percent. The catch of fluke was the smallest since 1942--partly because of bad weather at the peak of the season. The average price per pound for fluke in 1968 was 32 cents--6 cents more than in 1967. Blackback landings declined chiefly because fishermen preferred the more lucrative yellowtail flounder fishery. The catch of yellowtails (5.7 million pounds) was 3 percent greater than in 1967. An encouraging sign for fishermen was the reappearance of an abundance of small and medium-sized fish.

Scup. Plentiful and comparatively low-priced, scup has been the mainstay of the New Jersey otter trawl fleet for more than two decades. However, landings in the Middle Atlantic area began to decline in 1961, and the downward trend has not been reversed. In 1966, the catch (8.4 million pounds) declined sharply and was only about one-half as much as in the previous year. In 1968, the harvest of 6.2 million pounds was 1.1 million less than in 1967, and the smallest catch since 1940. No biological reason has been found for the declining catch; some fishermen tend to blame the foreign fleets that fish along the New Jersey coast.

MIDDLE ATLANTIC FISHERIES

Whiting. Landings of 7.4 million pounds worth $454,000 were 2.2 million pounds and $44,000 less than in the previous year. Fishermen attributed the decline chiefly to very unfavorable weather during the first 3 months of the year. The whiting fishery is an important one for the New Jersey "day boat" otter trawlers during the winter and spring.

Tuna. The catch of tuna declined 94 percent--from 2.9 million pounds in 1967 to 184,000 pounds in 1968. Tuna seiners could find no fish in Middle Atlantic waters and spent the season working out of New England.

Striped bass. Record landings of 2.1 million pounds were slightly greater than in 1967, the former record year. The production would have increased even more had not bad weather in November shortened the season for the New York ocean haul seine fishery. Up to that time, the fishing had been excellent. In fact, the largest known beach seine catch for New York was made in one haul--356 boxes of fish totaling more than 40,000 pounds.

Mackerel. The catch of 1.5 million pounds increased 689,000 pounds compared with the previous year. Atlantic mackerel have been increasingly abundant in recent years, and more fish could be taken if the consumer demand were greater. However, mackerel in this region are generally available during just 2 months--April and May--and fishermen cannot market large quantities of them profitably in such a short period. In 1968, about 64 percent of the fish were landed in May, and the large quantity for sale led to a price decline. The average price of 5.7 cents per pound was 3 cents less than in 1967. Individual landings by otter trawlers during April and May reached as much as 40,000 pounds for 1 day's fishing. Fishermen took 47 percent of the catch in pound nets and 39 percent in otter trawls.

Bluefish. The catch of 1.3 million pounds of bluefish increased nearly 300,000 pounds compared with 1967. The greater production resulted largely from increased fishing effort. Sea bass pot fishermen and casual gill net fishermen entered the bluefish fishery in increasing numbers, principally because other species were not available in their usual abundance.

Sea bass. Landings of 606,000 pounds were 320,000 pounds less than in 1967, and the smallest catch on record. The sea bass production has been on a downward trend since 1952, when the record catch of 10.9 million pounds was taken. The pot catch of sea bass has been declining steadily in recent years, and many fishermen who formerly fished only for sea bass have now modified their gear to catch lobsters instead. They may operate one-half of their pots for sea bass and one-half for lobsters.

Surf clams. The harvest of 35.2 million pounds of surf clam meats worth $3.6 million declined 8.7 million pounds (20 percent) and $647,000 (15 percent) compared with 1967. Landings in New York (3 million pounds) increased more than 700,000 pounds, but in New Jersey, the catch of 32.2 million pounds declined 9.4 million compared with 1967. Major factors contributing to the decline were adverse weather during the first 3 months of the year, several vessels inactive because they lacked captain or crew, and some New Jersey plants temporarily closed. The fleet also caused some of the catch decline in New Jersey by landing more than 4 million pounds of surf clams at Ocean City, Md.

Hard clams. The catch of 9.8 million pounds of hard clam meats was nearly 500,000 pounds less than in the previous year. Landings declined for the first time since 1962. The value, however, was a record $8.6 million--an increase of $79,000 compared with 1967.

The sharpest catch decline was in New Jersey where the 2.6-million-pound harvest was 326,000 pounds less than a year earlier. Major factors that contributed to the decline were: unfavorable weather in January and February, closure of certain productive clamming areas to fishermen, and fewer year-round fishermen.

Lobsters. The catch of 2.4 million pounds worth $2.2 million was 619,000 pounds and $694,000 more than in the previous year. The gain resulted principally from the pot fishermen's increasing effort in the lobster fishery. In 1968, 250 pot fishermen operated 30,915 lobster pots compared with 182 fishermen operating 17,797 pots in 1967. The otter trawl catch (1.3 million pounds) also improved substantially compared with a year earlier. Otter trawlers tended to make shorter and more frequent trips than in 1967.

The New York Legislature repealed a law intended to conserve the stock by regulating the size of slat widths on lobster pots. Instead, the Legislature advocated stricter enforcement of the minimum-size lobster law which requires fishermen, as a conservation measure, to release lobsters that have not attained a minimum carapace length of 3-3/16 inches.

Sea scallops. The 2-million-pound catch of sea scallop meats worth $2.2 million was nearly 400,000 pounds and $1 million more than in 1967. The increase resulted principally from greater fishing effort. Sea scallops were the chief source of profit for fishermen in the summer and early fall.

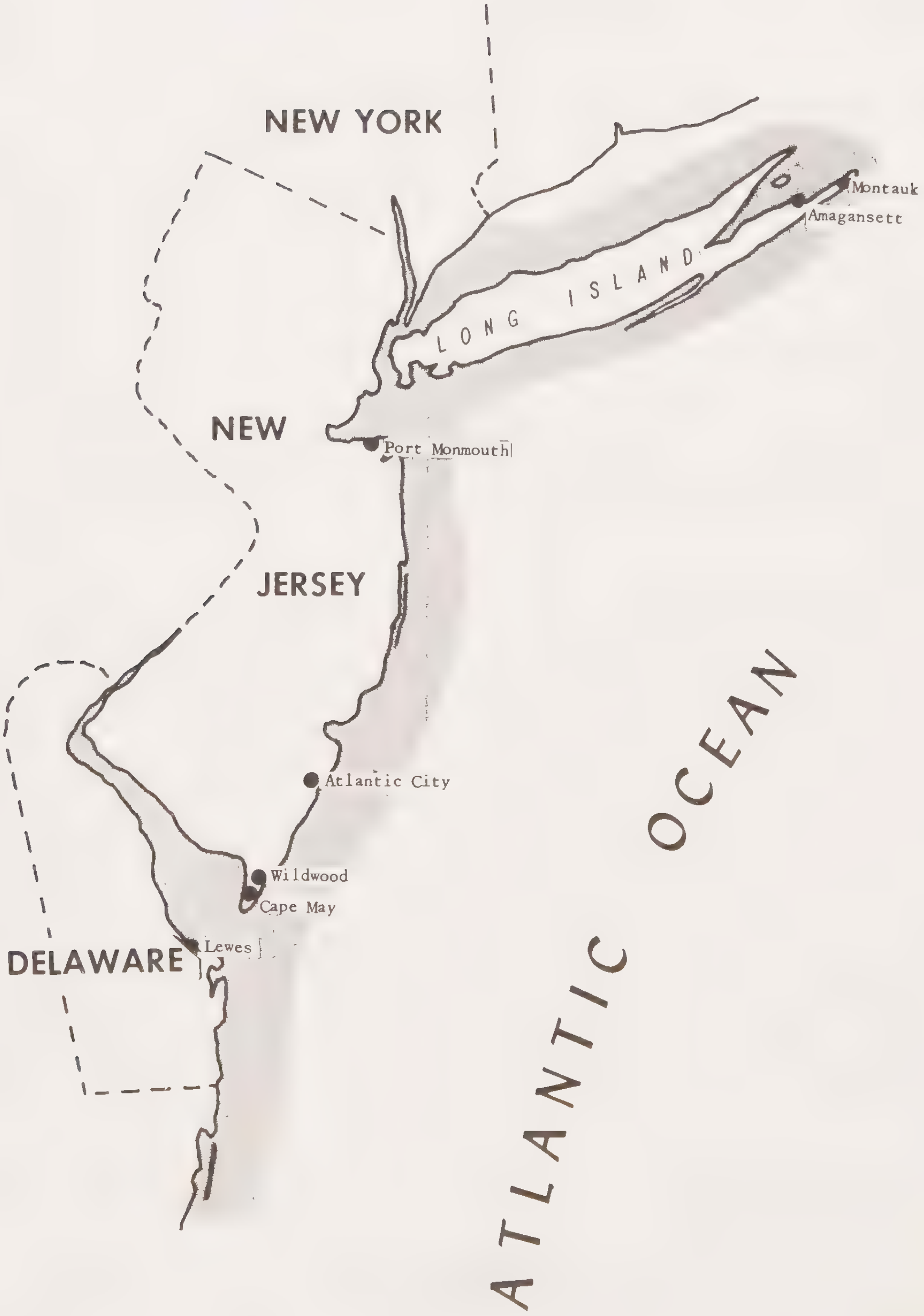
Oysters. The production of 1.5 million pounds of oyster meats worth $1.5 million was 348,000 pounds and $327,000 more than in 1967. The catch was the best since 1962. The New Jersey harvest of 1.3 million pounds worth $1.1 million accounted for 86 percent of the volume and 72 percent of the value of the Middle Atlantic oyster production. Planters and dealers in New Jersey had a most successful year.

Hard blue crabs. Landings were 358,000 pounds--a decline of 394,000 pounds compared with the previous year, and the smallest catch since 1944. Principal cause of the decline was a shortage of crabs. Dredge operators in Delaware Bay had an unprofitable season, but some fishermen were successful in smaller areas where crabs were more plentiful. The crab pot season was poor, and many fishermen removed their gear from the water earlier than usual. The crabs taken were mostly inferior in both size and quality. Because of the crab shortage, prices increased from an average price per pound of 12.5 cents in 1967 to 17.3 cents in 1968.

Other information. Condensed summary data on the operating units and catch, by States, appearing on the following pages have been published previously in Current Fishery Statistics No. 5345. Additional data may be found in the New York and New Jersey monthly and annual landing bulletins published in the Current Fishery Statistics Series by the Division of Statistics and Market News in cooperation with the respective States. Information on daily, monthly, and annual production of fishery products in selected areas of these States is available in reports published by the Bureau's Fishery Market News Service at New York City.

Acknowledgements. The following organizations helped collect the data appearing in this section: New York Conservation Department, Marine Fisheries Division, and Division of Fish and Game; New Jersey Conservation Department, Division of Fish and Game, New Jersey Shellfish Commission; State of Delaware, Commission of Shellfisheries.

MIDDLE ATLANTIC FISHERIES


NEW YORK
LONG ISLAND
Montauk
Amagansett
NEW
JERSEY
Port Monmouth
Atlantic City
Wildwood
Cape May
Lewes
DELAWARE
ATLANTIC OCEAN

MIDDLE ATLANTIC STATES

MIDDLE ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW YORK	45	3	14	12	59	15
NEW JERSEY	88	3	39	7	127	10
DELAWARE	(1)	(1)	1	(1)	1	(1)
TOTAL	133	6	54	19	187	25

1/ LESS THAN 500,000 POUNDS OR $500,000.

SUMMARY OF OPERATING UNITS, 1968

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	833	1,755	25	2,367
ON BOATS AND SHORE:				
REGULAR	1,408	565	98	2,071
CASUAL	2,964	1,028	310	4,302
TOTAL	5,205	3,348	433	8,740
VESSELS, MOTOR	235	344	7	546
GROSS TONNAGE	10,642	20,530	194	27,914
BOATS:				
MOTOR	3,170	1,300	174	4,644
OTHER	87	190	9	286
GEAR:				
HAUL SEINES:				
COMMON	35	11	1	47
LENGTH, YARDS	10,501	1,499	33	12,033
DANISH	1	-	-	1
LENGTH, YARDS	30	-	-	30
PURSE SEINES:				
MENHADEN	2	16	-	18
LENGTH, YARDS	872	6,065	-	6,937
TUNA	-	2	-	2
LENGTH, YARDS	-	1,500	-	1,500
OTTER TRAWLS:				
FISH	154	125	-	265
YARDS AT MOUTH	3,588	3,020	-	6,247
LOBSTER	12	43	-	52
YARDS AT MOUTH	342	1,217	-	1,475
WEIRS	-	6	-	6
POUND NETS, FISH	87	20	-	107
FYKE AND HOOP NETS:				
FISH	29	36	7	72
TURTLE	-	-	13	13
POTS AND TRAPS:				
CONCH	525	-	-	525
CRAB	-	1,533	1,695	3,228
EEL	803	897	85	1,785
FISH	1,300	17,090	-	18,390
LOBSTER	27,190	4,125	-	31,315
TURTLE	-	145	-	145
GILL NETS:				
ANCHOR, SET OR STAKE	61	31	51	143
SQUARE YARDS	87,174	48,806	43,250	179,230
DRIFT:				
SHAD	27	9	2	38
SQUARE YARDS	87,720	9,561	1,000	98,281
OTHER	-	35	4	39
SQUARE YARDS	-	261,331	19,400	280,731
RUNAROUND	21	25	-	46
SQUARE YARDS	18,980	181,831	-	200,811
LINES:				
HAND	715	79	-	794
HOOKS	1,010	102	-	1,112
TROLL	-	18	-	18
HOOKS	-	18	-	18
LONG OR SET WITH HOOKS	26	17	2	45
HOOKS	13,600	26,900	4,500	45,000
SPEARS	12	16	-	28
DREDGES:				
CLAM	47	125	5	176
YARDS AT MOUTH	42	149	10	200

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:				
DREDGES - CONTINUED:				
CONCH	-	1	-	1
YARDS AT MOUTH. . . .	-	4	-	4
CRAB.	-	15	-	15
YARDS AT MOUTH. . . .	-	25	-	25
OYSTER, COMMON.	14	46	5	65
YARDS AT MOUTH. . . .	22	46	8	76
SCALLOP:				
BAY	885	45	-	930
YARDS AT MOUTH. . .	885	110	-	995
SEA	36	110	-	118
YARDS AT MOUTH. . .	133	458	-	485
TONGS:				
OYSTER.	4	85	3	92
OTHER	1,768	977	110	2,855
RAKES	2,085	633	190	2,908
HOES.	-	42	-	42
HOOKS, TURTLE	-	-	3	3

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	7	1)	8	(1)	-	-	15	(1)
AMBERJACK	-	-	1	(1)	-	-	1	(1)
ANGLERFISH.	22	1	1	(1)	-	-	23	1
BLUEFISH.	577	117	765	129	(1)	(1)	1,342	246
BONITO.	26	2	33	6	-	-	59	8
BUTTERFISH.	974	150	727	86	-	-	1,701	236
CARP.	6	1)	50	4	4	(1)	60	4
CATFISH	5	1	5	1	-	-	10	2
COD	364	46	172	25	33	4	569	75
DRUM, BLACK	-	-	3	(1)	-	-	3	(1)
EELS:								
COMMON.	145	32	117	27	35	5	297	64
CONGER.	(1)	(1)	1	(1)	-	-	1	(1)
FLOUNDERS:								
BLACKBACK	1,826	106	422	23	3	(1)	2,251	129
FLUKE	1,216	397	2,139	675	-	-	3,355	1,072
GRAY SOLE	15	2	22	2	-	-	37	4
LEMON SOLE.	5	1	-	-	-	-	5	1
YELLOWTAIL.	5,562	409	97	6	-	-	5,659	415
TOTAL FLOUNDERS . . .	8,624	915	2,680	706	3	(1)	11,307	1,621
GRUNTS.	-	-	(1)	(1)	-	-	(1)	1)
HADDOCK	14	2	1	(1)		-	15	2
HAKE:								
RED	349	20	407	16	-	-	756	36
WHITE	3	(1)	31	2	-	-	34	2
HERRING, SEA.	97	9	218	7	-	-	315	16
KING WHITING OR "KINGFISH".	20	2	13	1	-	-	33	3
MACKEREL:								
ATLANTIC.	810	50	669	35	2	(1)	1,481	85
SPANISH	-	-	(1)	(1)	-	-	(1)	(1)
MENHADEN.	17,785	194	68,477	964	-	-	86,262	1,158
MULLET, BLACK (LISA). . . .	-	-	20	4	-	-	20	4
POLLOCK	7	(1)	3	(1)	-	-	10	(1)
SCUP OR PORGY	2,800	630	3,420	621	-	-	6,220	1,251
SEA BASS, BLACK	67	24	539	167	-	-	606	191
SEA ROBIN	56	3	6	(1)	-	-	62	3
SEA TROUT OR WEAKFISH, GRAY	63	10	532	30	5	(1)	600	40
SHAD.	126	22	241	35	12	2	379	59
SHARKS:								
GRAYFISH.	136	10	7	(1)	-	-	143	10
UNCLASSIFIED.	5	(1)	1	(1)	-	-	6	(1)
TOTAL SHARKS.	141	10	8	(1)	-	-	149	10

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED								
SILVERSIDES	123	20	-	-	-	-	123	20
SKATES	10	1	1	(1)	-	-	11	1
STRIPED BASS	1,551	350	459	128	49	10	2,059	488
STURGEON, COMMON	12	2	8	1	(1)	(1)	20	3
SUCKERS	-	-	1	(1)	-	-	1	(1)
SWELLFISH	224	17	6	(1)	-	-	230	17
SWORDFISH	57	27	73	29	-	-	130	56
TARPON	-	-	(1)	(1)	-	-	(1)	(1)
TAUTOG	87	3	18	1	-	-	105	4
TILEFISH	6	1	7	1	-	-	13	2
TUNA:								
BLUEFIN	28	4	143	11	-	-	171	15
LITTLE	12	1	1	(1)	-	-	13	1
TOTAL TUNA	40	5	144	11	-	-	184	16
WHITE PERCH	88	18	158	29	16	3	262	50
WHITING	3,311	200	4,045	254	1	(1)	7,357	454
YELLOW PERCH	-	-	1	(1)	-	-	1	(1)
UNCLASSIFIED:								
FOR FOOD	259	26	29	1	-	-	288	27
BAIT, REDUCTION, AND ANIMAL FOOD	6,185	54	3,521	38	1	(1)	9,707	92
TOTAL FISH	45,041	2,964	87,619	3,359	161	24	132,821	6,347
SHELLFISH, ETC.								
CRABS:								
BLUE:								
HARD	-	-	135	22	223	40	358	62
SOFT AND PEELER	-	-	1	(1)	-	-	1	(1)
ROCK	-	-	52	2	-	-	52	2
TOTAL CRABS	-	-	188	24	223	40	411	64
HORSESHOE CRABS	-	-	82	(1)	-	-	82	(1)
LOBSTERS, NORTHERN	1,167	1,182	1,211	976	-	-	2,378	2,158
CLAMS:								
HARD:								
PUBLIC	4,865	5,151	2,548	1,224	182	99	7,595	6,474
PRIVATE	2,121	2,117	4	2	57	23	2,182	2,142
SOFT, PUBLIC	202	82	91	41	-	-	293	123
SURF	3,008	295	32,181	3,299	-	-	35,189	3,594
TOTAL CLAMS	10,196	7,645	34,824	4,566	239	122	45,259	12,333
CONCHS	48	10	150	22	-	-	198	32
MUSSELS, SEA	207	63	-	-	-	-	207	63
OYSTERS, MARKET:								
PUBLIC:								
SPRING	3	3	21	24	-	-	24	27
FALL	1	1	48	40	-	-	49	41
PRIVATE:								
SPRING	73	144	102	99	-	-	175	243
FALL	98	229	1,149	911	43	41	1,290	1,181
TOTAL OYSTERS	175	377	1,320	1,074	43	41	1,538	1,492
SCALLOPS:								
BAY	201	350	17	24	-	-	218	374
SEA	1,480	1,666	498	528	-	-	1,978	2,194
TOTAL SCALLOPS	1,681	2,016	515	552	-	-	2,196	2,568
SQUID	973	69	406	27	-	-	1,379	96
TERRAPIN	-	-	2	1	-	-	2	1
TURTLES:								
LOGGERHEAD	-	-	(1)	(1)	-	-	(1)	(1)
SNAPPER	-	-	51	8	7	1	58	9
UNCLASSIFIED	-	-	1	(1)	-	-	1	(1)
TOTAL SHELLFISH, ETC.	14,447	11,362	38,750	7,250	512	204	53,709	18,816
GRAND TOTAL	59,488	14,326	126,369	10,609	673	228	186,530	25,163

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE CATCH ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

MIDDLE ATLANTIC FISHERIES

CATCH OF CERTAIN SHELLFISH, 1968

(U.S. STANDARD BUSHELS)

SPECIES	NEW YORK		NEW JERSEY	
	NUMBER	VALUE	NUMBER	VALUE
CLAMS:				
HARD:				
PUBLIC.	405,383	$5,151,330	254,830	$1,224,425
PRIVATE	176,775	2,116,710	350	1,750
SOFT, PUBLIC.	12,594	81,879	7,592	40,831
SURF.	176,935	295,249	1,892,971	3,298,672
CONCHS.	3,227	10,399	7,510	22,308
MUSSELS, SEA...	20,670	63,348	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	427	3,202	3,433	23,700
FALL.	120	1,057	9,560	39,916
PRIVATE:				
SPRING.	9,773	144,404	14,437	98,519
FALL.	13,067	228,604	165,129	911,004
SCALLOPS:				
BAY	33,567	350,174	2,585	24,216
SEA	246,700	1,665,432	83,050	528,155

SPECIES	DELAWARE		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE
CLAMS:				
HARD:				
PUBLIC.	22,687	$99,025	682,900	$6,474,780
PRIVATE	7,162	23,293	184,287	2,141,753
SOFT, PUBLIC.	-	-	20,186	122,710
SURF.	-	-	2,069,906	3,593,921
CONCHS.	-	-	10,737	32,707
MUSSELS, SEA.	-	-	20,670	63,348
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	-	-	3,860	26,902
FALL.	-	-	9,680	40,973
PRIVATE:				
SPRING.	-	-	24,210	242,923
FALL.	6,636	41,376	184,832	1,180,984
SCALLOPS:				
BAY	-	-	36,152	374,390
SEA	-	-	329,750	2,193,587

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1968

(POUNDS OF MEATS PER U.S. STANDARD BUSHELS)

SPECIES	NEW YORK	NEW JERSEY	DELAWARE
	QUANTITY	QUANTITY	QUANTITY
CLAMS:			
HARD:			
PUBLIC.	12.00	10.00	8.00
PRIVATE	12.00	10.00	8.00
SOFT, PUBLIC.	16.00	12.00	-
SURF.	17.00	17.00	-
CONCHS.	15.00	20.00	-
MUSSELS, SEA.	10.00	-	-
OYSTERS, MARKET:			
PUBLIC:			
SPRING.	7.50	6.00	-
FALL.	7.50	5.00	-
PRIVATE:			
SPRING.	7.50	7.10	-
FALL.	7.50	6.96	6.51
SCALLOPS:			
BAY	6.00	6.50	-
SEA	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

MIDDLE ATLANTIC FISHERIES

PROCESSED FISHERY PRODUCTS, 1968

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVY PASTE, CANNED	STANDARD CASES	(1)	(1)	-	-	-	-
BUFFALOFISH, SMOKED	POUNDS	(1)	(1)	-	-	-	-
BUTTERFISH, SMOKED.	DO	11,000	$10,400	-	-	-	-
CARP, SMOKED.	DO	73,000	65,950	(1)	(1)	-	-
CHUBS, SMOKED	DO	2,992,000	2,419,400	(1)	(1)	-	-
COD:							
FILLETS AND STEAKS, FRESH . .	DO	1,602,000	897,435	576,060	$321,712	-	-
SPECIALTIES, CAKES:							
FRESH AND FROZEN (BREADED, RAW AND COOKED).	DO	(1)	(1)	-	-	1,928,413	$657,659
CANNED.	STANDARD CASES	-	-	(1)	(1)	-	-
SALTED.	POUNDS	(1)	(1)	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-	-	-
EELS, SMOKED.	DO	99,500	94,550	(1)	(1)	-	-
FLOUNDER:							
FILLETS:							
FRESH AND FROZEN.	DO	2,973,500	2,006,480	438,695	302,727	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	(1)	(1)	-	-
SPECIALTIES, FROZEN (BREADED WHOLE, STUFFED).	DO	-	-	(1)	(1)	-	-
HADDOCK:							
FILLETS:							
FRESH	DO	339,600	176,546	(2)	(2)	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	-	-	(1)	(1)
SPECIALTIES, FROZEN (BREADED AND COOKED, STUFFED).	DO	(1)	(1)	-	-	-	-
SMOKED.	DO	(1)	(1)	-	-	-	-
HAKE FILLETS, FRESH	DO	4,500	1,625	-	-	-	-
HALIBUT, SPECIALTIES, FROZEN (DINNERS).	DO	(1)	(1)	-	-	-	-
HERRING, SEA:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCE)	DO	(1)	(1)	-	-	-	-
SALTED.	DO	225,282	95,671	-	-	(1)	(1)
SMOKED.	DO	11,338	4,647	-	-	-	-
LAKE TROUT, SMOKED.	DO	(1)	(1)	-	-	-	-
LUMPFISH CAVIAR, CANNED	STANDARD CASES	(1)	(1)	-	-	-	-
MACKEREL, ATLANTIC:							
SALTED.	POUNDS	-	-	-	-	(1)	(1)
SMOKED.	DO	(1)	(1)	-	-	-	-
MENHADEN:							
MEAL AND SCRAP.	TONS	(1)	(1)	(1)	(1)	-	-
OIL	1,000 POUNDS	(1)	(1)	(1)	(1)	-	-
SOLUBLES.	TONS	(1)	(1)	(1)	(1)	-	-
OCEAN PERCH FILLETS, BREADED AND COOKED, FROZEN.	POUNDS	(1)	(1)	-	-	-	-
POLLOCK:							
FILLETS, FRESH.	DO	(1)	(1)	-	-	-	-
OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-	-	-
SABLEFISH, SMOKED	POUNDS	1,810,000	1,425,750	(1)	(1)	-	-
SALMON:							
CAVIAR, CANNED.	STANDARD CASES	5,442	735,012	-	-	-	-
SMOKED.	POUNDS	8,223,000	15,007,900	(1)	(1)	(1)	(1)
SHAD, SMOKED.	DO	38,000	13,050	-	-	-	-
SHARKS:							
FINS AND LEATHERS	-	-	-	-	(1)	-	-
OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-	-	-
SMELT, BREADED AND COOKED . . .	POUNDS	(1)	(1)	-	-	-	-
STURGEON:							
CAVIAR, CANNED.	STANDARD CASES	2,851	2,830,030	-	-	-	-
SMOKED.	POUNDS	1,465,500	2,758,250	(1)	(1)	-	-
TUNA:							
SPECIALTIES:							
FROZEN (PIES AND WITH NOODLES)	DO	(1)	(1)	-	-	-	-
CANNED (WITH NOODLES) . . .	STANDARD CASES	-	-	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
TUNA - CONTINUED:							
SMOKED.	POUNDS	-	-	(1)	(1)	-	-
OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-	-	-
WHITEFISH:							
CANNED:							
FISH.	STANDARD CASES	-	-	(1)	(1)	-	-
CAVIAR.	DO	1,756	$159,443	-	-	-	-
SMOKED.	POUNDS	1,974,000	2,089,400	(1)	(1)	-	-
WHITING, SMOKED	DO	240,000	89,000	36,600	$25,950	-	-
CRABS:							
BLUE:							
SPECIALTIES:							
FROZEN (CAKES, DEVILED IMPERIAL, CUTLETS, ETC.)	DO	(1)	(1)	357,819	260,623	3,042,540	$2,210,185
CANNED (BISQUE)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
KING SPECIALTIES (COCKTAILS).	POUNDS	(1)	(1)	-	-	-	-
LOBSTERS, NORTHERN:							
COOKED MEAT, FRESH.	DO	-	-	(1)	(1)	-	-
SPECIALTIES:							
FROZEN (PATTIES AND NEWBURG)	DO	(1)	(1)	-	-	(1)	(1)
CANNED (BISQUE, CHOWDER AND SAUCE)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
SHRIMP:							
FROZEN:							
MEAT, COOKED, PEELED AND DEVEINED	POUNDS	(1)	(1)	-	-	-	-
BREADED, RAW AND COOKED . .	DO	(1)	(1)	(1)	(1)	305,344	339,378
SPECIALTIES:							
COCKTAILS, FRESH (REFRIGERATED).	DO	(1)	(1)	-	-	(1)	(1)
FROZEN (SCAMPI, DINNERS, CASSEROLES, BURGERS, STUFFED, ETC.)	DO	499,913	452,028	172,206	189,091	-	-
CANNED (BISQUE, CHOWDER AND SAUCE)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
CLAMS, HARD AND SURF:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	(3)	(3)	2,386,948	5,739,638	11,425	71,975
SPECIALTIES:							
BREADED, RAW AND COOKED .	POUNDS	(1)	(1)	(1)	(1)	(1)	(1)
OTHER (CHOWDER, JUICE, STRIPS, CAKES, PATTIES, ETC.).	DO	219,032	204,250	73,936	32,276	989,596	604,030
CANNED:							
WHOLE AND MINCED.	STANDARD CASES	(1)	(1)	316,440	4,155,980	(1)	(1)
CHOWDER AND JUICE	DO	(1)	(1)	663,609	5,059,835	265,292	1,961,695
SPECIALTIES (BISQUE, IN SHELL AND SAUCE)	DO	-	-	(1)	(1)	(1)	(1)
CONCH MEAT:							
FRESH AND FROZEN:							
NATURAL	POUNDS	(1)	(1)	(1)	(1)	-	-
IN TOMATO SAUCE	DO	(1)	(1)	-	-	-	-
CANNED.	STANDARD CASES	(1)	(1)	(1)	(1)	(1)	(1)
MUSSELS, SEA:							
SPECIALTIES, FROZEN (IN HOT SAUCE)	POUNDS	-	-	(1)	(1)	-	-
CANNED (WHOLE AND BISQUE) . .	STANDARD CASES	(1)	(1)	(1)	(1)	-	-
OYSTERS:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	-	-	135,844	1,352,253	48,492	575,945
BREADED, RAW AND COOKED . .	POUNDS	-	-	396,990	455,502	(1)	(1)
SPECIALTIES:							
FROZEN (PIES AND STEWS) . .	DO	-	-	-	-	(1)	(1)
CANNED (BISQUE AND STEWS) .	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
SHELL, GRIT AND LIME.	TONS	-	-	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS:							
BAY, SHUCKED, FRESH	GALLONS	20,943	$387,446	1,866	$ 24,211	-	-
SEA, FROZEN:							
BREADED, RAW AND COOKED . .	DO	389,150	523,364	608,799	938,776	(1)	(1)
SPECIALTIES (DINNERS) . . .	DO	(1)	(1)	-	-	-	-
SQUID:							
SPECIALTIES, FROZEN (IN TOMATO SAUCE).	DO	(1)	(1)	-	-	-	-
CANNED.	STANDARD CASES	(1)	(1)	(1)	(1)	-	-
TURTLE, CANNED:							
MEAT.	DO	-	-	(1)	(1)	-	-
SPECIALTIES (SOUP AND CONSOMME).	DO	-	-	(1)	(1)	(1)	(1)
UNCLASSIFIED:							
FRESH AND FROZEN PACKAGED FISH:							
STICKS, BREADED:							
RAW	POUNDS	-	-	(1)	(1)	(1)	(1)
COOKED.	DO	(1)	(1)	(1)	(1)	14,801,799	$5,914,843
PORTIONS:							
RAW:							
NOT BREADED	DO	(1)	(1)	(1)	(1)	522,316	196,347
BREADED	DO	-	-	(1)	(1)	(1)	(1)
BREADED AND COOKED. . . .	DO	(1)	(1)	(1)	(1)	17,532,190	6,718,123
FISH AND SHELLFISH.	DO	17,669,876	13,489,076	5,484,440	5,219,521	8,417,596	5,894,854
CANNED.	STANDARD CASES	433,051	3,937,998	355,803	6,388,290	485,674	5,325,265
CURED	POUNDS	818,085	476,100	339,700	389,230	(4)	(4)
INDUSTRIAL.	-	-	(4)	-	2,736,046	-	(4)
TOTAL	-	-	51,132,695	-	32,809,767	-	30,470,299

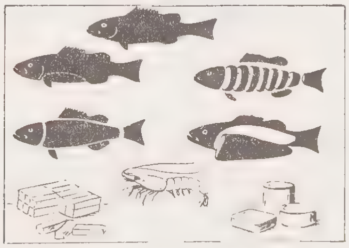
1/ INCLUDED WITH UNCLASSIFIED ITEMS.

2/ A SMALL PRODUCTION OF HADDOCK FILLETS PRODUCED IN NEW JERSEY HAS BEEN INCLUDED WITH NEW YORK.

3/ A SMALL PRODUCTION OF SURF CLAMS PRODUCED IN NEW YORK HAS BEEN INCLUDED WITH NEW JERSEY.

4/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.



MIDDLE ATLANTIC FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1968

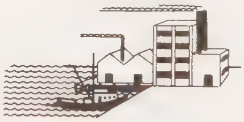
(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	17,060
FROZEN	36,796
CANNED	30,554
CURED	26,649
INDUSTRIAL	3,354
TOTAL	114,413

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
NEW YORK	51,133
NEW JERSEY	32,810
PENNSYLVANIA	25,357
DELAWARE	5,113
TOTAL	114,413



WHOLESALING AND PROCESSING, 1968

ITEM	NEW YORK	NEW JERSEY	PENN-SYLVANIA	DELAWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	226	108	46	16	396
PERSONS ENGAGED:					
AVERAGE FOR SEASON	2,494	2,306	1,386	369	6,555
AVERAGE FOR YEAR	2,396	1,890	1,185	292	5,763

MIDDLE ATLANTIC FISHERIES

NEW YORK

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES		PURSE SEINES, MENHADEN	OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS
	COMMON	DANISH		FISH	LOBSTER			CONCH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	5	4	34	401	45	12	-	2
ON BOATS AND SHORE:								
REGULAR	56	-	-	14	-	16	1	4
CASUAL	22	-	-	-	-	8	9	-
TOTAL	83	4	34	415	45	36	10	6
VESSELS, MOTOR	2	1	2	147	12	3	-	1
GROSS TONNAGE	23	51	612	5,950	900	43	-	32
BOATS:								
MOTOR	33	-	4	7	-	14	10	2
OTHER	2	-	-	-	-	10	-	-
GEAR:								
NUMBER	35	1	2	154	12	87	29	525
LENGTH, YARDS	10,501	30	872	-	-	-	-	-
YARDS AT MOUTH	-	-	-	3,588	342	-	-	-

ITEM	POTS AND TRAPS - CONTINUED			GILL NETS			LINES	
	EEL	FISH	LOBSTER	ANCHOR, SET OR STAKE	DRIFT, SHAD	RUNAROUND	HAND	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	4	34	-	-	-	-	11
ON BOATS AND SHORE:								
REGULAR	10	-	66	22	-	12	125	8
CASUAL	17	-	121	39	52	21	590	2
TOTAL	27	4	221	61	52	33	715	21
VESSELS, MOTOR	-	2	17	-	-	-	-	4
GROSS TONNAGE	-	45	288	-	-	-	-	101
BOATS:								
MOTOR	27	-	139	42	27	21	360	8
OTHER	-	-	-	-	-	-	15	-
GEAR:								
NUMBER	803	1,300	27,190	61	27	21	715	26
SQUARE YARDS	-	-	-	87,174	87,720	18,980	-	-
HOOKS OR BAITS	-	-	-	-	-	-	1,010	13,600

ITEM	SPEARS	DREDGES				TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
		CLAM	OYSTER, COMMON	SCALLOP		OYSTER	OTHER		
				BAY	SEA				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:									
ON VESSELS	-	109	32	-	207	-	-	-	833
ON BOATS AND SHORE:									
REGULAR	6	8	2	234	-	4	723	645	1,408
CASUAL	6	-	-	175	-	-	1,045	1,440	2,964
TOTAL	12	117	34	409	207	4	1,768	2,085	5,205
VESSELS, MOTOR	-	43	8	-	18	-	-	-	235
GROSS TONNAGE	-	1,273	307	-	2,066	-	-	-	10,642
BOATS:									
MOTOR	12	4	1	188	-	4	1,305	1,754	3,170
OTHER	-	-	-	-	-	-	35	25	87
GEAR:									
NUMBER	12	47	14	885	36	4	1,768	2,085	-
YARDS AT MOUTH	-	42	22	885	133	-	-	-	-

MIDDLE ATLANTIC FISHERIES

NEW YORK - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES				PURSE SEINES, MENHADEN	
	COMMON		DANISH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	1,400	$84	-	-	-	-
BLUEFISH.	60,500	12,266	-	-	-	-
BUTTERFISH.	3,300	510	-	-	-	-
CARP.	2,000	110	-	-	-	-
FLOUNDER, YELLOWTAIL. . . .	-	-	52,800	$3,885	-	-
MENHADEN.	-	-	-	-	17,414,100	$176,082
SCUP OR PORGY	289,100	65,010	-	-	-	-
SHAD.	2,600	428	-	-	-	-
SILVERSIDES	123,300	20,360	-	-	-	-
STRIPED BASS.	901,200	204,406	-	-	-	-
STURGEON, COMMON.	1,000	163	-	-	-	-
WHITE PERCH	84,100	17,484	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	2,100	207	-	-	-	-
TOTAL	1,470,600	321,028	52,800	3,885	17,414,100	176,082

SPECIES	OTTER TRAWLS				POUND NETS, FISH	
	FISH		LOBSTER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH.	21,900	$909	-	-	-	-
BLUEFISH.	5,400	1,102	-	-	87,600	$17,738
BONITO.	-	-	-	-	25,200	1,536
BUTTERFISH.	712,700	110,188	-	-	256,400	39,633
COD	289,100	36,626	-	-	300	40
EELS:						
COMMON.	-	-	-	-	74,700	16,837
CONGER.	100	4	-	-	-	-
FLOUNDERS:						
BLACKBACK	1,765,500	103,008	-	-	46,400	2,706
FLUKE	1,177,500	384,098	-	-	16,400	5,349
GRAY SOLE	9,500	976	-	-	-	-
LEMON SOLE.	4,900	720	-	-	-	-
YELLOWTAIL.	5,478,000	403,013	-	-	-	-
HADDOCK	14,400	1,740	-	-	-	-
HAKE:						
RED	347,400	20,417	-	-	700	41
WHITE	2,600	260	-	-	-	-
HERRING, SEA.	33,300	3,053	-	-	63,000	5,766
KING WHITING OR "KINGFISH".	9,900	1,164	-	-	9,800	1,142
MACKEREL, ATLANTIC.	86,700	5,366	-	-	664,600	41,098
MENHADEN.	-	-	-	-	352,800	16,848
POLLOCK	300	18	-	-	-	-
SCUP OR PORGY	2,222,100	499,716	-	-	229,000	51,488
SEA BASS, BLACK	59,400	21,188	-	-	500	210
SEA ROBIN	50,400	2,373	-	-	5,600	264
SEA TROUT OR WEAKFISH, GRAY	37,600	6,074	-	-	21,800	3,511
SHAD.	200	33	-	-	9,800	1,601
SHARKS:						
GRAYFISH.	87,400	6,139	-	-	37,200	2,612
UNCLASSIFIED.	5,300	380	-	-	-	-
SKATES.	8,800	437	-	-	1,400	74
STRIPED BASS.	51,100	11,618	-	-	76,500	17,379
STURGEON, COMMON.	9,200	1,498	-	-	300	43
SWELLFISH	111,000	8,345	-	-	113,500	8,542
TAUTOG.	64,600	2,587	-	-	21,000	839
TILEFISH.	6,200	958	-	-	-	-
TUNA:						
BLUEFIN	-	-	-	-	2,300	340
LITTLE.	-	-	-	-	11,800	819
WHITE PERCH	-	-	-	-	2,000	415
WHITING	3,302,900	199,274	-	-	8,200	497
UNCLASSIFIED:						
FOR FOOD.	223,000	22,299	-	-	12,000	1,189
BAIT, REDUCTION, AND ANIMAL FOOD	6,185,000	54,118	-	-	-	-
LOBSTERS, NORTHERN.	112,600	114,154	423,800	$429,176	-	-
SQUID	850,200	59,775	-	-	123,100	8,651
TOTAL	23,346,200	2,083,628	423,800	429,176	2,273,900	247,208

(CONTINUED ON NEXT PAGE)

NEW YORK - CATCH BY GEAR, 1968 - Continued

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
			CONCH		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,000	$170	-	-	-	-
CARP	2,500	130	-	-	-	-
CATFISH	2,500	352	-	-	-	-
EEL, COMMON	-	-	-	-	24,400	$5,132
CONCHS	-	-	25,600	$5,408	-	-
TOTAL	8,000	652	25,600	5,408	24,400	5,132

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		LOBSTER		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	2,600	$143
BLUEFISH	-	-	-	-	81,100	16,327
CARP	-	-	-	-	500	25
EEL, COMMON	-	-	1,600	$360	-	-
HAKE, RED	1,000	$59	-	-	-	-
MACKEREL, ATLANTIC	-	-	-	-	4,100	255
SEA BASS, BLACK	6,900	2,440	-	-	-	-
SHAD	-	-	-	-	45,400	8,728
SHARKS, GRAYFISH	1,200	88	-	-	-	-
STRIPED BASS	-	-	-	-	156,500	33,445
STURGEON, COMMON	-	-	-	-	900	108
WHITE PERCH	-	-	-	-	1,700	255
UNCLASSIFIED, FOR FOOD	7,600	765	-	-	3,500	350
LOBSTERS, NORTHERN	-	-	630,300	638,350	-	-
TOTAL	16,700	3,352	631,900	638,710	296,300	59,636

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT, SHAD		RUNAROUND		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	199,400	$40,412	142,400	$28,922
BONITO	-	-	-	-	700	46
BUTTERFISH	-	-	1,600	243	-	-
CARP	1,400	$77	-	-	-	-
COD	-	-	600	76	44,000	5,571
HERRING, SEA	-	-	600	55	-	-
KING WHITING OR "KINGFISH"	-	-	300	37	-	-
MACKEREL, ATLANTIC	-	-	5,900	370	49,000	3,027
MENHADEN	-	-	17,900	854	-	-
POLLOCK	-	-	-	-	6,300	368
SCUP OR PORGY	-	-	-	-	60,100	13,520
SEA TROUT OR WEAKFISH, GRAY	-	-	3,900	640	-	-
SHAD	67,700	11,168	-	-	-	-
SHARKS, GRAYFISH	-	-	5,500	383	-	-
STRIPED BASS	500	75	219,900	49,957	144,800	32,898
STURGEON, COMMON	300	58	400	80	-	-
SWORDFISH	-	-	-	-	700	323
TAUTOG	-	-	-	-	1,500	60
TUNA, BLUEFIN	-	-	-	-	15,200	2,244
WHITING	-	-	200	13	-	-
UNCLASSIFIED, FOR FOOD	-	-	3,700	371	3,300	339
TOTAL	69,900	11,378	459,900	93,491	468,000	87,318

SPECIES	LINES - CONTINUED		SPEARS		DREDGES	
	LONG OR SET WITH HOOKS				CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH	2,300	$317	-	-	-	-
COD	30,100	3,818	-	-	-	-
EEL, COMMON	-	-	44,200	$9,962	-	-
FLOUNDER, FLUKE	-	-	3,900	1,282	-	-
SHARKS, GRAYFISH	5,000	352	-	-	-	-
SWORDFISH	55,800	26,505	-	-	-	-
TUNA, BLUEFIN	10,400	1,532	-	-	-	-
UNCLASSIFIED, FOR FOOD	4,000	400	-	-	-	-
CLAMS:						
HARD, PRIVATE	-	-	-	-	2,121,300	$2,116,710
SURF	-	-	-	-	3,007,900	295,249
TOTAL	107,600	32,924	48,100	11,244	5,129,200	2,411,959

(CONTINUED ON NEXT PAGE)

NEW YORK - CATCH BY GEAR, 1968 - Continued

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK	-	-	-	-	13,600	$793
FLUKE	-	-	-	-	17,800	5,805
GRAY SOLE	-	-	-	-	5,600	569
YELLOWTAIL	-	-	-	-	31,300	2,300
CONCHS	22,200	$4,891	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	73,300	144,404	-	-	-	-
FALL	98,000	228,604	-	-	-	-
SCALLOPS:						
BAY	-	-	201,400	$350,174	-	-
SEA	-	-	-	-	1,480,200	1,665,432
TOTAL	193,500	377,899	201,400	350,174	1,548,500	1,674,899

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	-	-	2,665,700	$2,824,086	2,198,900	$2,327,244
SOFT, PUBLIC	-	-	-	-	201,500	81,879
CONCHS	-	-	-	-	600	100
MUSSELS, SEA	-	-	-	-	206,700	63,348
OYSTERS, MARKET, PUBLIC:						
SPRING	3,200	$3,202	-	-	-	-
FALL	900	1,057	-	-	-	-
TOTAL	4,100	4,259	2,665,700	2,824,086	2,607,700	2,472,571

NEW JERSEY

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS		WEIRS	POUND NETS, FISH
		MENHADEN	TUNA	FISH	LOBSTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	208	21	383	176	-	16
ON BOATS AND SHORE:							
REGULAR	21	-	-	8	-	2	10
CASUAL	4	-	-	-	-	6	-
TOTAL	25	208	21	391	176	8	26
VESSELS, MOTOR	-	16	2	121	43	-	5
GROSS TONNAGE	-	2,319	296	5,212	3,477	-	41
BOATS:							
MOTOR	11	24	2	4	-	4	3
OTHER	-	4	-	-	-	4	-
GEAR:							
NUMBER	11	16	2	125	43	6	20
LENGTH, YARDS	1,499	6,065	1,500	-	-	-	-
YARDS AT MOUTH	-	-	-	3,020	1,217	-	-

ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS					GILL NETS
		CRAB	EEL	FISH	LOBSTER	TURTLE	ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	1	5	-	19	16	-	7
ON BOATS AND SHORE:							
REGULAR	10	15	12	23	9	-	24
CASUAL	5	6	7	2	4	11	23
TOTAL	16	26	19	44	29	11	54
VESSELS, MOTOR	1	3	-	10	8	-	3
GROSS TONNAGE	8	23	-	99	80	-	29

(CONTINUED ON NEXT PAGE)

NEW JERSEY - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS					GILL NETS
		CRAB	EEL	FISH	LOBSTER	TURTLE	ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:							
MOTOR	15	21	19	16	12	8	22
OTHER	-	-	-	-	-	3	-
GEAR:							
NUMBER.	36	1,533	897	17,090	4,125	145	31
SQUARE YARDS.	-	-	-	-	-	-	48,806

ITEM	GILL NETS - CONTINUED			LINES			SPEARS
	DRIFT		RUNAROUND	HAND	TROLL	LONG OR SET WITH HOOKS	
	SHAD	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	40	15	6	2	35	-
ON BOATS AND SHORE:							
REGULAR	3	21	27	11	2	7	1
CASUAL.	11	10	5	47	14	6	15
TOTAL	14	71	47	64	18	48	16
VESSELS, MOTOR.	-	18	7	3	1	9	-
GROSS TONNAGE	-	186	65	23	11	460	-
BOATS, MOTOR.	10	17	18	28	16	7	1
GEAR:							
NUMBER.	9	35	25	79	18	17	16
SQUARE YARDS.	9,561	261,331	181,831	-	-	-	-
HOOKS OR BAITS.	-	-	-	102	18	26,900	-

ITEM	DREDGES						TONGS
	CLAM	CONCH	CRAB	OYSTER, COMMON	SCALLOP		OYSTER
					BAY	SEA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	342	2	12	144	-	590	-
ON BOATS AND SHORE:							
REGULAR	-	-	5	15	40	-	67
CASUAL.	-	-	-	-	10	-	18
TOTAL	342	2	17	159	50	590	85
VESSELS, MOTOR.	106	1	5	18	-	61	-
GROSS TONNAGE	5,532	35	65	502	-	5,730	-
BOATS, MOTOR.	-	-	5	9	45	-	85
GEAR:							
NUMBER.	125	1	15	46	45	110	85
YARDS AT MOUTH.	149	4	25	46	110	458	-

ITEM	TONGS - CONTINUED	RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	-	-	-	1,755
ON BOATS AND SHORE:					
REGULAR	372	233	12	280	565
CASUAL.	605	400	30	471	1,028
TOTAL	977	633	42	751	3,348
VESSELS, MOTOR.	-	-	-	-	344
GROSS TONNAGE	-	-	-	-	20,530
BOATS:					
MOTOR	782	569	42	599	1,300
OTHER	145	45	-	49	190
GEAR, NUMBER.	977	633	42	-	-

NEW JERSEY - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	4,800	$192	-	-	-	-
BLUEFISH	-	-	5,400	$913	-	-
CARP	50,000	3,606	-	-	-	-
CATFISH	4,300	466	-	-	-	-
FLOUNDER, BLACKBACK	600	45	-	-	-	-
HERRING, SEA	-	-	2,400	110	-	-
MENHADEN	-	-	67,433,400	927,378	-	-
MULLET, BLACK (LISA)	19,500	3,900	-	-	-	-
SCUP OR PORGY	-	-	200	42	-	-
SEA TROUT OR WEAKFISH, GRAY	1,500	165	100	4	-	-
SHAD	4,900	287	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	200	10	-	-
STRIPED BASS	20,800	6,490	164,100	56,789	-	-
SUCKERS	800	64	-	-	-	-
TUNA:						
BLUEFIN	-	-	800	158	132,400	$9,268
LITTLE	-	-	100	5	-	-
WHITE PERCH	64,800	12,164	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	100	15	-	-
TOTAL	172,000	27,379	67,606,800	985,424	132,400	9,268

SPECIES	OTTER TRAWLS				WEIRS	
	FISH		LOBSTER			
	POUNDS	VALJE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	800	$29	-	-	-	-
BLUEFISH	50,700	4,971	-	-	-	-
BUTTERFISH	556,800	65,035	34,800	$5,272	-	-
COD	47,100	5,769	-	-	-	-
DRUM, BLACK	400	16	-	-	-	-
EELS:						
COMMON	-	-	-	-	22,000	$9,020
CONGER	200	8	-	-	-	-
FLOUNDERS:						
BLACKBACK	385,400	20,252	100	4	300	21
FLUKE	2,125,300	670,022	6,800	2,861	200	60
GRAY SOLE	16,500	1,307	5,000	311	-	-
YELLOWTAIL	91,800	5,316	300	22	-	-
GRUNT	300	9	-	-	-	-
HADDOCK	800	65	-	-	-	-
HAKE:						
RED	357,600	13,724	-	-	-	-
WHITE	27,600	1,751	3,000	177	-	-
HERRING, SEA	7,200	258	-	-	-	-
KING WHITING OR "KINGFISH"	11,900	1,080	-	-	-	-
MACKEREL, ATLANTIC	486,700	23,760	300	11	-	-
MENHADEN	1,100	40	-	-	-	-
POLLOCK	2,500	140	200	17	-	-
SCUP OR PORGY	3,403,200	618,391	6,400	1,134	-	-
SEA BASS, BLACK	75,600	14,083	400	94	-	-
SEA ROBIN	300	8	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	508,900	24,542	-	-	-	-
SHAD	5,500	505	-	-	400	32
SHARKS:						
GRAYFISH	6,800	279	-	-	-	-
UNCLASSIFIED	200	7	-	-	-	-
SKATE	400	11	-	-	-	-
STRIPED BASS	192,400	43,721	100	25	1,100	273
STURGEON, COMMON	6,200	958	200	34	-	-
SWELLFISH	6,500	399	-	-	-	-
TAUTOG	2,200	101	-	-	-	-
TILEFISH	1,700	252	5,300	658	-	-
WHITE PERCH	200	13	-	-	4,400	700
WHITING	4,005,400	251,259	6,000	291	-	-
UNCLASSIFIED:						
FOR FOOD	3,600	308	400	45	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	3,505,500	36,851	-	-	-	-
CRABS, ROCK	15,700	667	35,300	1,458	-	-
HORSESHOE CRABS	-	-	-	-	82,000	410
LOBSTERS, NORTHERN	199,000	156,661	755,700	576,749	-	-
CONCHS	14,200	2,050	-	-	-	-
SCALLOPS, SEA	500	553	100	115	-	-
SQUID	399,600	26,360	6,300	411	-	-
TOTAL	16,524,300	1,991,531	866,700	589,689	110,400	10,516

(CONTINUED ON NEXT PAGE)

NEW JERSEY - CATCH BY GEAR, 1968 - Continued

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	3,500	$140	-	-
AMBERJACK	1,100	$44	-	-	-	-
BLUEFISH	73,300	20,192	-	-	-	-
BUTTERFISH	130,400	14,987	-	-	-	-
CATFISH	-	-	300	30	-	-
DRUM, BLACK	400	22	-	-	-	-
EEL, COMMON	1,400	247	-	-	-	-
FLOUNDERS:						
BLACKBACK	2,700	171	31,700	2,927	-	-
FLUKE	2,300	957	-	-	-	-
HAKE, RED	27,700	1,544	-	-	-	-
HERRING, SEA	208,200	6,145	-	-	-	-
KING WHITING OR "KINGFISH"	800	82	-	-	-	-
MACKEREL:						
ATLANTIC	26,500	2,130	-	-	-	-
SPANISH	100	20	-	-	-	-
MENHADEN	991,100	34,527	-	-	-	-
POLLOCK	100	8	-	-	-	-
SCUP OR PORGY	8,300	1,235	-	-	-	-
SEA ROBIN	5,800	92	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	2,200	469	-	-	-	-
SHAD	39,200	3,264	-	-	-	-
SHARKS:						
GRAYFISH	500	15	-	-	-	-
UNCLASSIFIED	100	4	-	-	-	-
SKATES	200	8	-	-	-	-
STRIPED BASS	25,300	6,997	-	-	-	-
STURGEON, COMMON	2,000	336	-	-	-	-
SUCKERS	-	-	300	30	-	-
TARPON	200	20	-	-	-	-
TAUTOG	1,800	84	-	-	-	-
WHITE PERCH	200	33	36,300	5,615	-	-
WHITING	28,400	1,857	-	-	-	-
YELLOW PERCH	500	25	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	100	9	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	15,400	1,078	-	-	-	-
CRABS, BLUE:						
HARD	-	-	-	-	113,500	$19,297
SOFT	-	-	-	-	700	181
SQUID	200	22	-	-	-	-
TURTLES, LOGGERHEAD	100	8	-	-	-	-
TOTAL	1,596,600	96,632	72,100	8,742	114,200	19,478

SPECIES	POTS AND TRAPS - CONTINUED					
	EEL		FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS:						
COMMON	90,200	$16,968	-	-	-	-
CONGER	-	-	1,100	$22	-	-
HAKE, RED	-	-	21,000	631	200	$10
SCUP OR PORGY	-	-	400	37	-	-
SEA BASS	-	-	462,100	152,931	900	145
TAUTOG	-	-	13,900	382	100	5
UNCLASSIFIED, FOR FOOD	-	-	23,200	520	200	12
LOBSTERS, NORTHERN	-	-	96,800	94,753	159,400	147,953
TOTAL	90,200	16,968	618,500	249,276	160,800	148,125

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	TURTLE		ANCHOR, SET OR STAKE		DRIFT	
					SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MENHADEN	-	-	5,100	$153	700	$21
SEA TROUT OR WEAKFISH, GRAY	-	-	700	203	-	-
SHAD	-	-	171,900	28,658	16,800	1,689
STRIPED BASS	-	-	25,100	6,404	1,000	308
WHITE PERCH	-	-	13,000	1,950	16,500	3,014
UNCLASSIFIED, FOR FOOD	-	-	600	36	-	-
TURTLES, SNAPPER	41,300	$6,295	-	-	-	-
TOTAL	41,300	6,295	216,400	37,404	35,000	5,032

(CONTINUED ON NEXT PAGE)

NEW JERSEY - CATCH BY GEAR, 1968 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED		RUNAROUND		HAND	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	100	$4	-	-	-	-
BLUEFISH.	237,000	57,590	386,000	$43,574	8,200	$1,314
BONITO.	32,700	5,612	100	24	100	20
BUTTERFISH.	3,300	432	2,000	281	-	-
CATFISH	-	-	-	-	400	41
COD	-	-	-	-	700	88
DRUM, BLACK	1,800	180	-	-	200	9
KING WHITING OR "KINGFISH".	100	12	200	27	500	101
MACKEREL, ATLANTIC.	148,200	9,139	-	-	6,900	382
MENHADEN.	45,800	1,404	300	16	-	-
SCUP OR PORGY	-	-	500	69	700	114
SEA BASS.	-	-	-	-	100	20
SEA TROUT OR WEAKFISH, GRAY	2,800	725	7,200	1,151	8,400	2,538
SHAD.	-	-	1,900	194	-	-
SHARKS, UNCLASSIFIED. . . .	-	-	100	4	-	-
STRIPED BASS.	400	111	26,200	6,083	2,400	533
TAUTOG.	-	-	100	4	-	-
TUNA:						
BLUEFIN	3,300	397	-	-	-	-
LITTLE.	-	-	400	25	-	-
WHITE PERCH	7,200	1,080	7,700	2,108	7,800	2,091
WHITING	5,000	229	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	200	25	100	6	-	-
TOTAL	487,900	76,940	432,800	53,566	36,400	7,251

SPECIES	LINES - CONTINUED				SPEARS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	4,300	$616	-	-	-	-
COD	-	-	124,100	$19,445	-	-
EEL, COMMON	-	-	-	-	3,200	$800
HAKE, RED	-	-	100	4	-	-
MACKEREL, ATLANTIC.	200	13	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	200	38	-	-	-	-
SHARKS, UNCLASSIFIED. . . .	-	-	300	25	-	-
STRIPED BASS.	100	29	-	-	-	-
SWORDFISH	-	-	73,100	29,255	-	-
TUNA:						
BLUEFIN	-	-	6,700	980	-	-
LITTLE.	200	8	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	100	10	-	-	-	-
TOTAL	5,100	714	204,300	49,709	3,200	800

SPECIES	DREDGES					
	CLAM		CONCH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HAKE, RED	300	$10	-	-	-	-
SEA BASS.	200	50	-	-	-	-
TAUTOG.	300	24	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	21,600	$2,907
CLAMS:						
HARD, PUBLIC.	153,700	49,542	-	-	-	-
SURF.	32,180,500	3,298,672	-	-	-	-
CONCHS.	116,000	17,258	11,200	$1,680	-	-
TOTAL	32,451,000	3,365,556	11,200	1,680	21,600	2,907

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK	-	-	-	-	1,100	$123
FLUKE	-	-	-	-	4,300	1,660
GRAY SOLE	-	-	-	-	700	45
YELLOWTAIL.	-	-	-	-	5,100	146
CRABS, ROCK	-	-	-	-	700	26
LOBSTERS, NORTHERN.	-	-	-	-	400	339
CLAMS, HARD, PRIVATE. . . .	3,500	$1,750	-	-	-	-

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

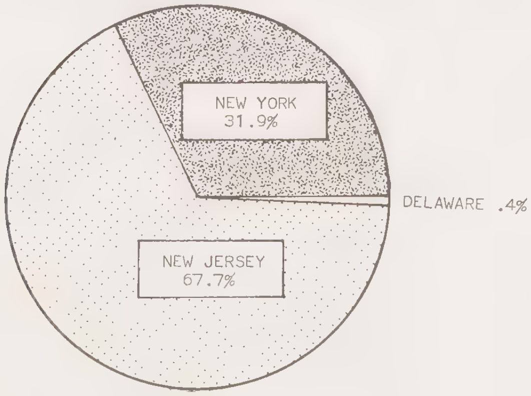
NEW JERSEY - CATCH BY GEAR, 1968 - Continued

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, PRIVATE:						
SPRING	99,500	$95,019	-	-	-	-
FALL	1,148,100	909,478	-	-	-	-
SCALLOPS:						
BAY	-	-	16,800	$24,216	-	-
SEA	-	-	-	-	497,700	$527,487
TOTAL	1,251,100	1,006,247	16,800	24,216	510,000	529,826

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	818,800	$397,828	727,300	$361,462
OYSTERS:						
PUBLIC:						
SPRING	20,600	$23,700	-	-	-	-
FALL	47,800	39,916	-	-	-	-
PRIVATE:						
SPRING	3,000	3,500	-	-	-	-
FALL	1,200	1,526	-	-	-	-
TERRAPIN	-	-	-	-	2,500	1,000
TURTLES:						
SNAPPER	-	-	-	-	9,700	1,455
UNCLASSIFIED	-	-	-	-	600	36
TOTAL	72,600	68,642	818,800	397,828	740,100	363,953

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC	-	-	848,500	$415,593
SOFT, PUBLIC	48,700	$22,232	42,400	18,599
CONCHS	-	-	8,800	1,320
TOTAL	48,700	22,232	899,700	435,512

MIDDLE ATLANTIC CATCH, 1968



186,530,000 pounds

MIDDLE ATLANTIC FISHERIES

DELAWARE

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS		POTS AND TRAPS	
		FISH	TURTLE	CRAB	EEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	-	-	-	17	3
CASUAL.	2	5	4	5	-
TOTAL	2	5	4	22	3
BOATS, MOTOR.	1	4	3	15	2
GEAR:					
NUMBER.	1	7	13	1,695	85
LENGTH, YARDS	33	-	-	-	-

ITEM	GILL NETS			LINES, LONG OR SET WITH HOOKS	DREDGES	
	ANCHOR, SET OR STAKE	DRIFT			CLAM	OYSTER, COMMON
		SHAD	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	2	2	10	11
ON BOATS AND SHORE:						
REGULAR	10	-	-	-	-	1
CASUAL.	29	2	4	-	-	-
TOTAL	39	2	6	2	10	12
VESSELS, MOTOR.	-	-	1	1	3	2
GROSS TONNAGE	-	-	13	11	114	56
BOATS:						
MOTOR	17	2	3	-	-	1
OTHER	9	-	-	-	-	-
GEAR:						
NUMBER.	51	2	4	2	5	5
SQUARE YARDS.	43,250	1,000	19,400	-	-	-
YARDS AT MOUTH.	-	-	-	-	10	8
HOOKS OR BAITS.	-	-	-	4,500	-	-

ITEM	TONGS		RAKES	HOOKS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	25
ON BOATS AND SHORE:						
REGULAR	3	52	42	-	16	98
CASUAL.	-	58	148	3	75	310
TOTAL	3	110	190	3	91	433
VESSELS, MOTOR.	-	-	-	-	-	7
GROSS TONNAGE	-	-	-	-	-	194
BOATS:						
MOTOR	3	110	10	-	-	174
OTHER	-	-	-	-	-	9
GEAR, NUMBER.	3	110	190	3	-	-

DELAWARE - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS			
			FISH		TURTLE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	9,200	$1,000	-	-	-	-
FLOUNDER, BLACKBACK	-	-	2,900	$174	-	-
TURTLES, SNAPPER.	-	-	-	-	6,200	$926
TOTAL	9,200	1,000	2,900	174	6,200	926

SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB		EEL		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	-	-	-	-	400	$72
CARP.	-	-	-	-	4,100	287
EEL, COMMON	-	-	26,000	$3,900	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	4,500	517
SHAD.	-	-	-	-	7,100	1,250
STRIPED BASS.	-	-	-	-	47,700	9,860
WHITE PERCH	-	-	-	-	13,700	1,899
CRABS, BLUE, HARD	223,400	$39,745	-	-	-	-
TOTAL	223,400	39,745	26,000	3,900	77,500	13,885

SPECIES	GILL NETS - CONTINUED				LINES, LONG OR SET WITH HOOKS	
	DRIFT					
	SHAD		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	32,900	$3,295
MACKEREL, ATLANTIC.	-	-	2,300	$348	-	-
SHAD.	5,200	$832	-	-	-	-
STRIPED BASS.	-	-	1,000	220	-	-
STURGEON, COMMON.	-	-	400	60	-	-
WHITE PERCH	-	-	1,700	255	-	-
WHITING	-	-	800	40	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD. . .	-	-	1,000	20	-	-
TOTAL	5,200	832	7,200	943	32,900	3,295

SPECIES	DREDGES				TONGS	
	CLAM		OYSTER, COMMON		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	57,300	$23,293	-	-	-	-
OYSTERS, PRIVATE, FALL. . .	-	-	38,100	$37,551	5,100	$3,825
TOTAL	57,300	23,293	38,100	37,551	5,100	3,825

SPECIES	TONGS - CONTINUED		RAKES	
	OTHER			
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	88,400	$48,620	81,900	$44,245
TOTAL	88,400	48,620	81,900	44,245

SPECIES	HOOKS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	11,200	$6,160
TURTLES, SNAPPER.	700	$105	-	-
TOTAL	700	105	11,200	6,160

MIDDLE ATLANTIC FISHERIES

HUDSON RIVER SHAD FISHERY

The Hudson River run of shad yielded a commercial catch of 69,874 fish weighing 254,372 pounds, valued at $45,975 to the fishermen. The volume of landings increased 44 percent, and the value, 61 percent compared with the previous year. Fishermen received an average price of 18 cents per pound--2 cents more than a year earlier.

Eighty-one fishermen participated in the Hudson River commercial shad fishery--an increase of 14 percent compared with 1967. The harvest was the best since 1963 when 348,018 pounds were taken, but it was far less than the record 3.8-million-pound production of 1944.

Statistics on the 1968 operating units and catch of shad in the Hudson River by New York and New Jersey fishermen are included in the operating unit and catch data for those States.

SUMMARY OF OPERATING UNITS AND CATCH, 1968

ITEM	NEW YORK			NEW JERSEY			TOTAL		
OPERATING UNITS	NUMBER			NUMBER			NUMBER		
FISHERMEN, ON BOATS AND SHORE:									
REGULAR	4			3			7		
CASUAL.	67			7			74		
TOTAL	71			10			81		
BOATS, MOTOR.	39			-			39		
GEAR, GILL NETS:									
ANCHOR, SET OR STAKE. . .	23			3			26		
SQUARE YARDS.	50,600			10,955			61,555		
DRIFT	27			-			27		
SQUARE YARDS.	87,720			-			87,720		
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD, GILL NETS:									
ANCHOR, SET OR STAKE. . .	12,440	45,412	$8,728	37,809	141,272	$26,079	50,249	186,684	$34,807
DRIFT	19,625	67,688	11,168	-	-	-	19,625	67,688	11,168
TOTAL	32,065	113,100	19,896	37,809	141,272	26,079	69,874	254,372	45,975

NOTE:--DATA REPRESENT CATCH IN THE HUDSON RIVER BETWEEN WEEHAWKEN, N.J. AND HUDSON, N.Y.

SECTION 4 - CHESAPEAKE FISHERIES

The commercial landings of fish and shellfish at ports in Maryland and Virginia were 437.9 million pounds worth $36.6 million--an increase of 15.5 million pounds (4 percent) and $1.1 million (3 percent) compared with the previous year. Major species contributing to the greater harvest were alewives, menhaden, sea trout, striped bass, white perch, and clams. Species that declined in volume were butterfish, scup, spot, swellfish, blue crabs, and oysters.

Virginia landings of 382.1 million pounds worth $20.6 million were 87 percent of the volume and 56 percent of the value of the Chesapeake States catch of fish and shellfish. Menhaden were 71 percent and blue crabs, 12 percent of the Virginia landings. Maryland accounted for the remaining Chesapeake production with 55.8 million pounds worth $16 million. Oysters were 27 percent of the Maryland harvest, followed by clams, 20 percent; and blue crabs, 19 percent.

Fishermen and vessels. There were 15,418 fishermen operating 1,410 vessels of 5 net tons or more, 9,114 motor boats, and 500 other boats. Compared with 1967, this was a loss of 9 vessels and a decline of 2,775 fishermen, 1,608 motor boats, and 207 other boats.

Menhaden. Landings of 274.1 million pounds increased 50.8 million compared with 1967 but were much less than the record 414.5 million pounds taken in 1959. Most of the catch (255.8 million pounds) was landed by purse seiners in Reedville and Cape Charles, Va., for reduction into fish meal, oil, and solubles; the rest (18.3 million pounds) was taken mostly by pound nets and sold for reduction and crab bait.

Blue crabs. Landings of hard blue crabs were 54.2 million pounds worth $6 million--a decline of 25.2 million pounds but an increase of $1.3 million compared with 1967. The catch declined sharply in both States. The Maryland catch (9.3 million pounds) was 62 percent less than in 1967; the Virginia catch (44.8 million pounds), 18 percent less. Principal cause of the decrease was the high mortality among crabs hatched in the previous year.

The shortage of crabs contributed to a noticeable change in marketing practices. The steamer or basket trade bought more crabs than in former years, and buyers were more willing to accept whatever cull sizes were available. As a consequence, packing plants found it difficult to obtain a sufficient supply of crabs to process. They were further hampered by a shortage of crab meat pickers.

Individual fishermen had a good year financially. The average exvessel price was around 11 cents per pound compared with about 6 cents in 1967. Exvessel crab prices ranged from a high of $18 to $20 per 100-pound barrel in March to a low of $7 to $10 per 100-pound barrel in the late summer and fall. Crabs sold to the basket trade were $15 to $20 per bushel in March and $4 to $10 per bushel in late summer. Wholesale prices of crab meat increased an average of 50 to 75 cents per pound on all grades compared with 1967.

Table 1.--Wholesale crab meat prices
f.o.b. Hampton, Va., 1968

Month	Backfin lump	Regular	Claw
	Dollars per pound	Dollars per pound	Dollars per pound
January	2.25-2.65	1.15-1.30	1.00-1.10
February.	2.50-3.00	1.20-1.45	1.05-1.20
March	3.00-4.00	1.45-1.83	1.25-1.60
April	2.90-3.50	1.70-1.85	1.25-1.50
May	2.75-3.00	1.65-1.80	1.25-1.35
June.	2.75-3.25	1.80-1.90	1.40-1.55
July.	2.85-3.00	1.60-1.90	1.40-1.50
August.	2.75-3.00	1.60-1.90	1.30-1.45
September	2.60-3.00	1.60-1.85	1.35-1.45
October	2.65-2.90	1.73-1.80	1.40-1.45
November.	2.65-3.25	1.65-2.00	1.40-1.50
December.	3.00-3.25	1.90-2.05	1.40-1.55

Source:--The Bureau's Market News Office, Hampton, Va.

Landings of soft and peeler crabs were 1.8 million pounds--47 percent less than in the previous year. The average exvessel price increased from 38 cents per pound in 1967 to 43 cents per pound in 1968.

Seafood processors, marine scientists, and State health department officials drafted a set of regulations intended to set standards for pasteurization of crab meat in Maryland and Virginia. The purpose of the regulations was to ensure a uniform product of high qualtity.

Alewives. Landings of 36.3 million pounds of alewives were 5.8 million more than in 1967. The fish were large and filled with roe. The main run of alewives was in April, when the canneries bought only limited quantities because of a shortage of workers to cut and process the fish. Cannery officials had contracted with the fishermen to pay $47 per ton for all fish delivered, but because of the lack of cutters they had to renegotiate the contracts. They then agreed to pay the $47 per ton only for fish used in canning and they placed fishermen on a quota based on their previous sales. Alewives that the canners didn't need were sent to the animal food and reduction plants where they sold for $18 to $20 per ton.

Oysters. The harvest of 22.7 million pounds of meats worth $15.3 million declined 3.1 million pounds and $2.1 million compared with 1967. Oysters accounted for 42 percent of the total exvessel value of the fisheries of the Chesapeake States.

Virginia landings (7.8 million pounds) declined for the fourth consecutive year because of the *Minchinia nelsoni* (MSX) organism that has decimated the oyster beds. The leading oyster-producing areas in Virginia were the Potomac River and its tributaries, with 32 percent of the catch; the James River (once the main producing area) with 15 percent; and the seaside bays, 12 percent.

According to the Virginia Institute of Marine Science, oysters can be grown profitably in MSX-infested areas under certain conditions. Oyster losses to MSX have been only about 20 percent or less per year when experimental programs conform to the following conditions: (1) Seed oysters must come from areas where MSX is active during the spawning and setting period because oysters acquire immunity early in life and maintain a fairly constant immunity while they are maturing. (2) Oysters must grow rapidly and be harvested early--requiring critical decisions on time of transplanting and size of seed to be transplanted.

In Maryland, oyster landings of 14.9 million pounds declined 11 percent compared with 1967. The decline was caused chiefly by adverse weather in the spring. The principal oyster producing areas in Maryland were the Potomac River and its tributaries, 23 percent; Chesapeake Bay, 26 percent; and the Choptank River area, 15 percent.

Oyster taxes in Maryland were increased in 1968. The inspection tax was raised from 2 to 5 cents per bushel; the export tax, from 2 to 10 cents per bushel; and the import tax, from two-thirds of a cent to 1 cent per bushel. In addition, a severance tax of 20 cents per bushel was levied on all oysters caught in Maryland waters. The additional revenue gained from these taxes was to be used for financing the program for replenishment of natural oyster bars.

Commercial seed oyster production was 1,028,200 bushels in the Chesapeake area--1 percent less than in 1967. Virginia had 96 percent of the area production. The James River accounted for 70 percent of the Virginia seed oyster sales; the Great Wicomico River, 13 percent; the Plankatank River, 10 percent; and the seaside bays on the eastern shore, 7 percent. The Maryland production of about 41,900 bushels (a surplus from the State program for public oyster bar replenishment) was sold to private growers.

Table 2.--Wholesale shucked oyster prices f.o.b. Hampton, Va., 1968

Month	Standards 1/	Selects 2/
	Dollars per gallon	Dollars per gallon
January.	7.75	8.75
February	7.75	8.75
March.	7.75	8.75
April.	7.75	8.75
May.	7.75	8.75
June	7.50-7.75	8.50-8.75
July	7.50-7.75	8.50-8.75
August	7.75-8.00	8.75-9.00
September. . . .	8.50	9.50
October.	7.75-8.50	8.75-9.50
November	8.00-8.50	9.00-9.50
December	8.50	9.50

1/ About 300 to 500 oysters a gallon.
2/ About 210 to 300 oysters a gallon

Soft clams. Landings of 5.6 million pounds of meats worth $1.9 million increased 339,000 pounds and $251,000 compared with 1967. The fishery, centered in the Maryland portion of the Chesapeake Bay, has remained fairly stable during the past few years in both volume and value of the catch. Unfortunately, however, a mortality of soft clams occurred in 1968, in the Potomac River--apparently because of high water temperatures accompanied by low levels of dissolved oxygen.

Surf clams. The catch of 5.3 million pounds of meats worth $538,000 was a gain of 4.2 million pounds and $432,000 compared with the previous year. Most of the landings were made by 10 vessels at Ocean City, Md.--8 more than in 1967. The catch was processed at the first and only surf clam packing plant in the State. Exvessel prices averaged $1.65 per bushel for inshore clams and $1.90 to $2 per bushel for offshore clams. In the port of Oyster, Va., one vessel made several landings in an attempt to start a surf clam industry there.

Hard clams. Landings of 2.4 million pounds of meats were 239,000 pounds greater than in 1967. The production increased mainly in Maryland waters where the State permitted the use of hydraulic dredges for a full season from January to April and from October to December. The Maryland hard clams harvested were mostly the small, chowder size. Because of overstocking, exvessel prices for these shellfish declined from $18 per one thousand clams in February to $12 per one thousand in March and April. At this time the State limited the daily catch to 8,000 clams--instead of the 20,000 formerly permitted. The prevalence of chowder clams caused dealers in Maryland and along the eastern shore of Virginia to buy them at the rate of 3 cents per pound in the shell instead of by number of clams, the traditional purchasing method. Dealers continued to buy littleneck and cherrystone clams in the usual way.

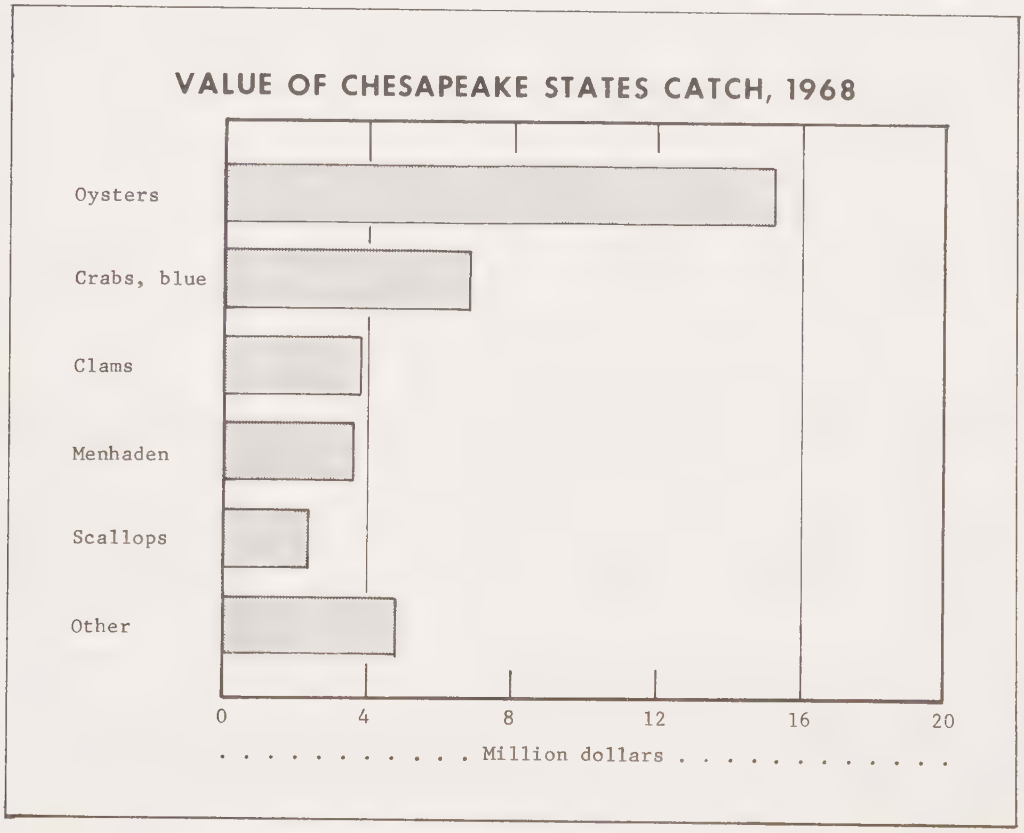
Striped bass. Landings of 6.1 million pounds worth $1.2 million were 319,000 pounds and $280,000 more than in the previous year. The catch was the sixth largest on record. Maryland led with 74 percent of the harvest, most of which was taken by gill nets. In 1968, the usual winter species of fish were scarce in the offshore ocean waters and draggers fished closer to the shore. Fishermen obtained a special license from the State of Maryland permitting them to operate within a 1-1/2-to-3-mile limit along the coast.

Scup. The 2.5-million-pound harvest of scup declined 2.2 million pounds (47 percent) compared with 1967. It was the smallest catch since 1938. About 77 percent of the catch was composed of small fish, taken principally by trawlers. Some fishermen blamed foreign fishing fleets for the declining scup landings of recent years.

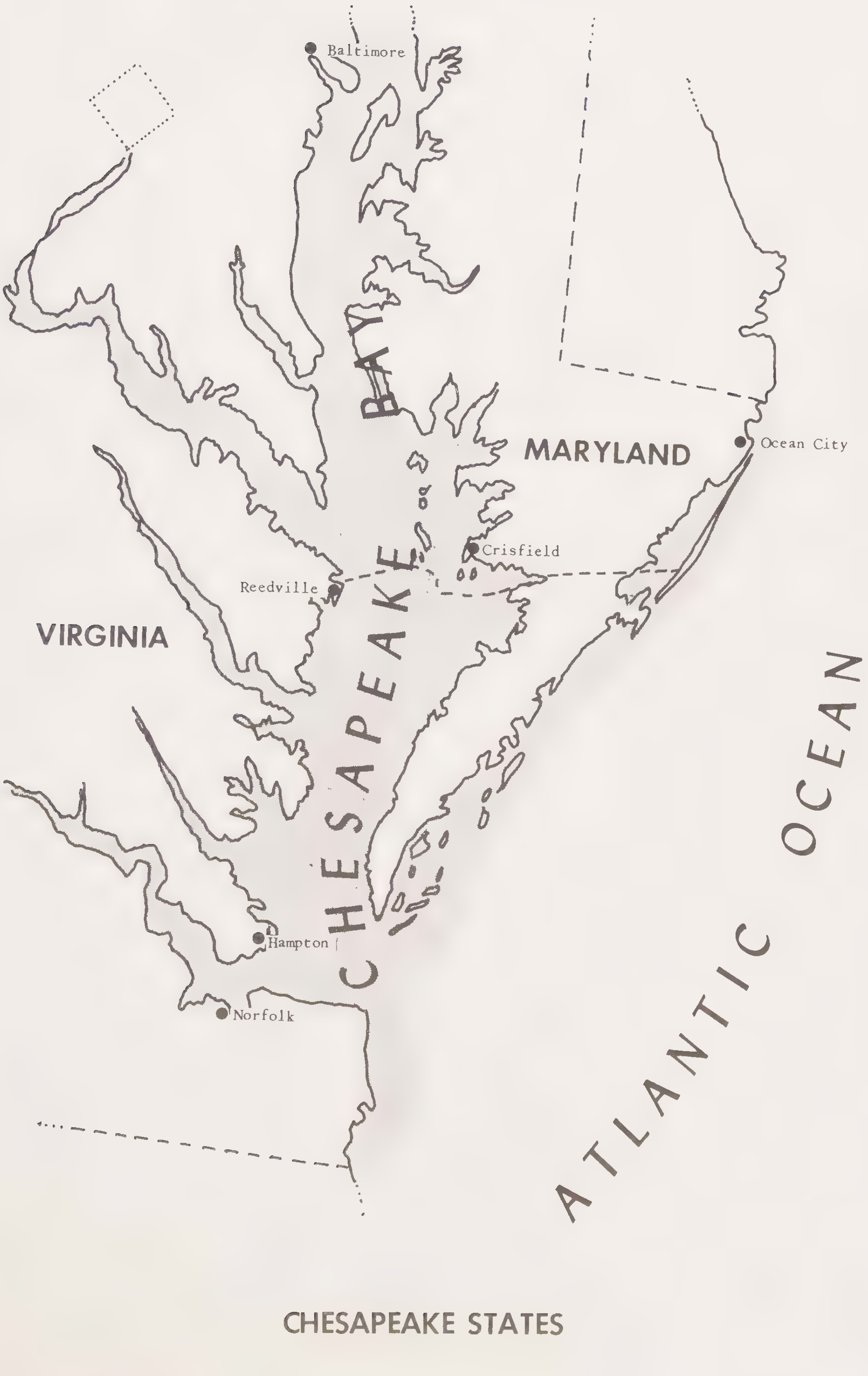
Sea scallops. Virginia landings of 2.1 million pounds of meats worth $2.3 million were 480,000 pounds and $1.1 million greater than in 1967. The average exvessel price was nearly $1.08 per pound compared with about 71 cents per pound in the previous year. Twenty-seven vessels made 295 trips and averaged around 7,200 pounds per trip--compared with 20 vessels making 174 trips averaging about 9,400 pounds in 1967.

Other information. Condensed summary data on the operating units and catch, by States appearing on the following pages, have been published previously in Current Fishery Statistics No. 5367. The catch of fish and shellfish in the bay and ocean areas of Maryland and Virginia are shown at the end of this section. Additional data may be found in the monthly and annual Maryland and Virginia landings bulletins published by the Division of Statistics and Market News in cooperation with the respective States. Information on daily, monthly, and annual production of fishery products in selected areas of these States is available in reports published by the Bureau's Fishery Market News Office at Hampton, Va.

Acknowledgments. The following organizations helped collect the data appearing in this section: Maryland Department of Chesapeake Bay Affairs, Natural Resources Institute of the University of Maryland; Virginia Marine Resources Commission, Virginia Institute of Marine Science; Potomac River Fisheries Commission.


VALUE OF CHESAPEAKE STATES CATCH, 1968

CHESAPEAKE FISHERIES


Baltimore
CHESAPEAKE BAY
MARYLAND
Ocean City
Crisfield
Reedville
VIRGINIA
ATLANTIC OCEAN
Hampton
Norfolk

CHESAPEAKE STATES

CHESAPEAKE FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MARYLAND.	19	2	37	14	56	16
VIRGINIA.	324	7	58	14	382	21
TOTAL	343	9	95	28	438	37

SUMMARY OF OPERATING UNITS, 1968

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS.	1,197	2,726	3,867
ON BOATS AND SHORE:			
REGULAR	2,120	2,758	4,878
CASUAL.	4,743	1,930	6,673
TOTAL	8,060	7,414	15,418
VESSELS:			
MOTOR	546	843	1,367
GROSS TONNAGE	5,656	20,450	26,049
SAIL.	43	-	43
GROSS TONNAGE	513	-	513
TOTAL VESSELS	589	843	1,410
TOTAL GROSS TONNAGE .	6,169	20,450	26,562
BOATS:			
MOTOR	5,949	3,165	9,114
OTHER	156	344	500
GEAR:			
HAUL SEINES, COMMON . . .	85	132	217
LENGTH, YARDS	39,000	70,330	109,330
PURSE SEINES, MENHADEN. .	-	27	27
LENGTH, YARDS	-	10,160	10,160
OTTER TRAWLS:			
FISH.	24	80	93
YARDS AT MOUTH. . . .	623	2,030	2,375
LOBSTER	-	4	4
YARDS AT MOUTH. . . .	-	120	120
POUND NETS:			
FISH.	207	640	847
CRAB.	70	2,098	2,168
FYKE AND HOOP NETS, FISH.	315	271	586
POTS AND TRAPS:			
CRAB.	73,785	138,805	212,490
EEL	4,725	9,713	14,438
FISH.	1,040	12,830	13,870
TURTLE.	213	248	461
GILL NETS:			
ANCHOR, SET OR STAKE. .	1,362	1,164	2,526
SQUARE YARDS.	2,067,744	603,200	2,670,944
DRIFT:			
SHAD.	-	177	177
SQUARE YARDS. . . .	-	143,600	143,600
OTHER	425	383	808
SQUARE YARDS. . . .	899,450	216,200	1,115,650
LINES:			
HAND.	716	874	1,590
HOOKS	716	874	1,590
LONG OR SET WITH HOOKS.	9	51	60
HOOKS	3,100	11,535	14,635
TROT WITH BAITS	3,005	75	3,080
BAITS	1,002,100	35,300	1,037,400
DIP NETS, COMMON.	51	62	113
SCRAPES	202	153	355
YARDS AT MOUTH.	216	161	377
DREDGES:			
CLAM.	214	41	254
YARDS AT MOUTH. . . .	225	46	269
CRAB.	-	320	320
YARDS AT MOUTH. . . .	-	519	519
OYSTER, COMMON.	131	294	424
YARDS AT MOUTH. . . .	143	340	482
SCALLOP, SEA.	-	48	48
YARDS AT MOUTH. . . .	-	168	168
TONGS:			
OYSTER.	3,200	2,522	5,722
OTHER	31	619	650
RAKES	-	104	104
HOOKS	10	-	10

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	3,963	61	32,319	536	36,282	597
BLUEFISH	141	17	241	29	382	46
BONITO	-	-	2	(1)	2	(1)
BUTTERFISH	18	2	698	70	716	72
CABIO	-	-	4	(1)	4	(1)
CARP	130	3	120	3	250	6
CATFISH AND BULLHEADS	352	39	1,068	153	1,420	192
COD	47	4	3	(1)	50	4
CRAPPIE	4	(1)	-	-	4	(1)
CROAKER	(1)	(1)	6	1	6	1
DRUM:						
BLACK	22	2	329	17	351	19
RED	-	-	(1)	(1)	(1)	(1)
EEL, COMMON	265	29	710	129	975	158
FLOUNDERS:						
BLACKBACK	74	4	824	43	898	47
FLUKE	350	102	2,164	603	2,514	705
UNCLASSIFIED	-	-	14	1	14	1
GARFISH	-	-	(1)	(1)	(1)	(1)
GIZZARD SHAD	30	1	5	(1)	35	1
HAKE, RED	8	(1)	9	(1)	17	(1)
HARVESTFISH	-	-	26	4	26	4
HERRING, SEA	9	(1)	42	(1)	51	(1)
HICKORY SHAD	7	(1)	14	1	21	1
HOGCHOKER	(1)	(1)	-	-	(1)	(1)
KING WHITING OR "KINGFISH"	4	(1)	86	10	90	10
MACKEREL:						
ATLANTIC	49	2	440	26	489	28
KING	-	-	3	1	3	1
SPANISH	2	(1)	58	10	60	10
MENHADEN	4,360	92	269,717	3,618	274,077	3,710
MULLET, BLACK (LISA)	1	(1)	8	1	9	1
PIGFISH	-	-	3	(1)	3	(1)
PIKE OR PICKEREL	6	1	-	-	6	1
SCUP OR PORGY	50	6	2,432	232	2,482	238
SEA BASS, BLACK	124	30	1,598	234	1,722	264
SEA ROBIN	27	(1)	74	1	101	1
SEA TROUT OR WEAKFISH:						
GRAY	153	11	1,120	105	1,273	116
SPOTTED	-	-	6	1	6	1
SHAD	958	106	2,550	161	3,508	267
SHARKS:						
GRAYFISH	16	1	138	5	154	6
UNCLASSIFIED	47	1	(1)	(1)	47	1
SPOT	46	7	1,116	111	1,162	118
STRIPED BASS	4,532	922	1,614	293	6,146	1,215
STURGEON, COMMON	5	1	13	2	18	3
SUCKERS	1	(1)	-	-	1	(1)
SUNFISH	12	1	-	-	12	1
SWELLFISH	1,128	36	2,638	52	3,766	88
SWORDFISH	-	-	86	50	86	50
TAUTOG	1	(1)	(1)	(1)	1	(1)
TILEFISH	-	-	(1)	(1)	(1)	(1)
TUNA, UNCLASSIFIED	-	-	4	1	4	1
WHITE PERCH	1,796	244	400	48	2,196	292
WHITING	10	1	47	3	57	4
YELLOW PERCH	135	15	(1)	(1)	135	15
UNCLASSIFIED:						
FOR FOOD	2	(1)	50	5	52	5
BAIT, REDUCTION, AND ANIMAL FOOD	35	(1)	843	12	878	12
TOTAL FISH	18,920	1,741	323,642	6,572	342,562	8,313
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	9,345	1,082	44,841	4,928	54,186	6,010
SOFT AND PEELER	1,002	463	806	313	1,808	776
TOTAL CRABS	10,347	1,545	45,647	5,241	55,994	6,786
LOBSTERS, NORTHERN	4	3	112	72	116	75
CLAMS:						
HARD:						
PUBLIC	526	292	1,751	986	2,277	1,276
PRIVATE	-	-	118	69	118	69
SOFT, PUBLIC	5,579	1,870	3	1	5,582	1,871
SURF	5,328	536	17	2	5,345	538
TOTAL CLAMS	11,433	2,698	1,889	1,058	13,322	3,756

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CONCHS.	116	17	327	27	443	44
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	5,296	3,422	1,663	1,139	6,959	4,561
FALL.	8,679	5,673	2,303	1,575	10,982	7,248
PRIVATE:						
SPRING.	512	522	1,954	1,291	2,466	1,813
FALL.	387	374	1,885	1,264	2,272	1,638
TOTAL OYSTERS	14,874	9,991	7,805	5,269	22,679	15,260
SCALLOPS, SEA	-	-	2,112	2,268	2,112	2,268
SQUID	15	1	430	19	445	20
TERRAPIN.	5	2	2	1	7	3
TURTLES, SNAPPER.	74	11	104	23	178	34
TOTAL SHELLFISH, ETC.	36,868	14,266	58,428	13,979	95,296	28,246
GRAND TOTAL	55,788	16,009	382,070	20,550	437,858	36,559

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE CATCH ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

CATCH OF CERTAIN SHELLFISH, 1968

(U.S. STANDARD BUSHELS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CLAMS:						
HARD:						
PUBLIC.	65,700	$292,421	218,837	$985,921	284,537	$1,278,342
PRIVATE	-	-	14,800	69,357	14,800	69,357
SOFT, PUBLIC.	464,908	1,869,705	242	898	465,150	1,870,603
SURF.	313,415	535,772	1,000	1,900	314,415	537,672
CONCHS.	5,805	17,279	16,370	27,295	22,175	44,574
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	869,540	3,422,166	250,754	1,138,693	1,120,294	4,560,859
FALL.	1,420,458	5,673,046	350,045	1,575,114	1,770,503	7,248,160
PRIVATE:						
SPRING.	79,288	521,702	312,592	1,291,239	391,880	1,812,941
FALL.	59,738	373,538	318,446	1,263,703	378,184	1,637,241
SCALLOPS, SEA	-	-	352,033	2,267,580	352,033	2,267,580

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1968

POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

SPECIES	MARYLAND	VIRGINIA
	QUANTITY	QUANTITY
CLAMS:		
HARD:		
PUBLIC.	8.00	8.00
PRIVATE	-	8.00
SOFT, PUBLIC.	12.00	12.00
SURF.	17.00	17.00
CONCHS.	20.00	20.00
OYSTERS, MARKET:		
PUBLIC:		
SPRING.	6.09	6.63
FALL.	6.11	6.58
PRIVATE:		
SPRING.	6.46	6.25
FALL.	6.48	5.92
SCALLOPS, SEA	-	6.00

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1968

ITEM[1]		MARYLAND		VIRGINIA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
CANNED:					
FISH	STANDARD CASES	-	-	69,832	$414,281
ROE	DO	-	-	20,860	237,082
ANIMAL FOOD	DO	-	-	(1)	(1)
SALTED:					
WHOLE, WITH ROE	POUNDS	-	-	(1)	(1)
WHOLE AND FILLETS	DO	(1)	(1)	2,441,050	405,620
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
ANCHOVY PASTE, CANNED	STANDARD CASES	(1)	(1)	-	-
BUTTERFISH, SMOKED	POUNDS	(1)	(1)	-	-
CARP, SMOKED	DO	(1)	(1)	-	-
CHUBS, SMOKED	DO	(1)	(1)	-	-
COD SPECIALTIES, FROZEN (CAKES)	DO	-	-	(1)	(1)
FLOUNDER:					
FILLETS:					
FRESH AND FROZEN	DO	-	-	(1)	(1)
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (STUFFED AND NEWBURG)	DO	(1)	(1)	-	-
HERRING, SEA:					
SPECIALTIES, CURED AND REFRIGERATED (BISMARKS, PARTY SNACKS, ETC.)	DO	(1)	(1)	-	-
SALTED	DO	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	-	-	29,825	4,050,043
OIL	1,000 POUNDS	-	-	29,515	1,132,567
SOLUBLES	TONS	-	-	12,105	540,664
SABLEFISH, SMOKED	POUNDS	(1)	(1)	-	-
SALMON, SMOKED	DO	(1)	(1)	-	-
TUNA:					
SPECIALTIES, FROZEN (PIES AND WITH NOODLES)	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
ANIMAL FOOD	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
WHITEFISH, SMOKED	POUNDS	(1)	(1)	-	-
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	3,047,483	$6,401,930	3,300,419	6,260,298
SPECIALTIES:					
BREADED, RAW AND COOKED:					
CAKES	DO	265,758	304,478	305,200	309,800
DEVILED	DO	681,167	493,997	(1)	(1)
OTHER (CUTLETS, STICKS, IMPERIAL, ETC.)	DO	430,256	351,038	-	-
CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
MEAL AND SCRAP	TONS	2,512	137,150	2,716	132,475
KING, SPECIALTIES, FROZEN (CAKES)	POUNDS	-	-	(1)	(1)
LOBSTERS, NORTHERN AND SPINY, CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
BREADED RAW	POUNDS	234,955	277,418	317,186	308,812
SPECIALTIES (PORTIONS, BURGERS, MIX, CREOLE AND COCKTAILS)	DO	347,383	240,422	(1)	(1)
CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN:					
SHUCKED:					
HARD	GALLONS	-	-	(1)	(1)
SOFT	DO	579,224	3,734,534	-	-
SURF	DO	(1)	(1)	-	-
STEAMED	DO	-	-	(1)	(1)
SPECIALTIES:					
BREADED AND COOKED	POUNDS	1,206,609	1,316,405	-	-
OTHER (CHIPS, CAKES, STEW AND STICKS)	DO	729,455	507,764	-	-
CANNED (MINCED, CHOWDER AND IN SHELL)	STANDARD CASES	(1)	(1)	-	-
CONCHS, STEAMED, FRESH	POUNDS	-	-	(1)	(1)
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED	GALLONS	772,766	6,367,270	1,295,154	11,302,239
STEAMED	POUNDS	-	-	1,002,655	2,025,453

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MARYLAND		VIRGINIA	
		QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS - CONTINUED:					
FRESH AND FROZEN - CONTINUED:					
SPECIALTIES:					
BREADED, RAW AND COOKED	POUNDS	74,078	$84,589	957,000	$977,400
OTHER (DRESSING AND STEW) . . .	DO	(1)	(1)	-	-
SHELL, GRIT AND LIME.	TONS	(1)	(1)	(1)	(1)
SCALLOPS, SEA, BREADED, RAW AND COOKED	POUNDS	(1)	(1)	524,000	483,500
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS, BREADED:					
RAW	DO	(1)	(1)	113,306	46,331
COOKED.	DO	(1)	(1)	-	-
PORTIONS:					
RAW:					
NOT BREADED	DO	(1)	(1)	-	-
BREADED	DO	-	-	55,688	16,951
BREADED AND COOKED.	DO	(1)	(1)	-	-
FISH AND SHELLFISH.	DO	35,538,851	15,931,312	6,676,275	1,472,148
CANNED.	STANDARD CASES	537,338	7,308,445	(2)	(2)
CURED	POUNDS	(2)	(2)	(2)	(2)
INDUSTRIAL.	-	-	(2)	-	494,560
TOTAL	-	-	43,456,752	-	30,610,224

1/ INCLUDED WITH UNCLASSIFIED

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	36,662
FROZEN.	17,426
CANNED.	8,345
CURED	3,991
INDUSTRIAL.	7,643
TOTAL	74,067

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
MARYLAND.	43,457
VIRGINIA.	30,610
TOTAL	74,067

WHOLESALING AND PROCESSING, 1968

ITEM	MARYLAND	VIRGINIA	TOTAL
	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:			
ESTABLISHMENTS.	271	310	581
PERSONS ENGAGED:			
AVERAGE FOR SEASON.	4,919	5,417	10,336
AVERAGE FOR YEAR.	3,878	3,522	7,400

CHESAPEAKE FISHERIES

MARYLAND

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUND NETS		FYKE AND HOOP NETS, FISH	POTS AND TRAPS	
			FISH	CRAB		CRAB	EEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	100	78	66	-	2	214	-
ON BOATS AND SHORE:							
REGULAR	118	-	126	60	40	301	95
CASUAL.	188	-	55	-	37	309	38
TOTAL	406	78	247	60	79	824	133
VESSELS, MOTOR.	19	24	17	-	2	200	-
GROSS TONNAGE	175	578	157	-	17	1,591	-
BOATS:							
MOTOR	103	-	59	20	54	573	86
OTHER	65	-	43	-	-	-	-
GEAR:							
NUMBER.	65	24	207	70	315	13,785	4,725
LENGTH, YARDS	39,000	-	-	-	-	-	-
YARDS AT MOUTH.	-	623	-	-	-	-	-

ITEM	POTS AND TRAPS — CONTINUED		GILL NETS		LINES		
	FISH	TURTLE	ANCHOR, SET OR STAKE	DRIFT	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	2	-	174	108	-	-	107
ON BOATS AND SHORE:							
REGULAR	3	12	502	136	10	9	692
CASUAL.	2	6	606	199	161	4	2,147
TOTAL	7	18	1,282	443	171	13	2,946
VESSELS, MOTOR.	1	-	97	58	-	-	103
GROSS TONNAGE	14	-	871	550	-	-	784
BOATS:							
MOTOR	5	15	846	288	61	9	2,669
OTHER	-	-	12	-	-	-	-
GEAR:							
NUMBER.	1,040	213	1,362	425	716	9	3,005
SQUARE YARDS.	-	-	2,067,744	899,450	-	-	-
HOOKS OR BAITS.	-	-	-	-	716	3,100	1,002,100

ITEM	DIP NETS, COMMON	SCRAPES	DREDGES		TONGS		HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
			CLAM	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	219	279	312	-	-	1,197
ON BOATS AND SHORE:								
REGULAR	-	101	228	48	1,211	21	-	2,120
CASUAL.	51	-	-	-	1,677	10	10	4,743
TOTAL	51	101	447	327	3,200	31	10	8,060
VESSELS:								
MOTOR	-	-	100	12	289	-	-	546
GROSS TONNAGE	-	-	1,418	126	2,336	-	-	5,656
SAIL.	-	-	-	43	-	-	-	43
GROSS TONNAGE	-	-	-	513	-	-	-	513
BOATS:								
MOTOR	4	101	114	21	2,727	31	-	5,949
OTHER	42	-	-	-	-	-	10	156
GEAR:								
NUMBER.	51	202	214	131	3,200	31	10	-
YARDS AT MOUTH.	-	210	225	143	-	-	-	-

MARYLAND - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		POUND NETS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	2,100	$31	-	-	3,360,000	$52,107
BLUEFISH.	6,900	827	3,700	$522	92,600	11,015
BUTTERFISH.	-	-	17,200	1,725	200	20
CARP.	75,200	1,484	-	-	5,800	114
CATFISH AND BULLHEADS . . .	31,200	3,416	-	-	15,600	1,711
COD	-	-	47,000	4,171	-	-
CROAKER	-	-	-	-	100	16
DRUM, BLACK	-	-	100	4	22,300	1,549
EEL, COMMON	5,000	510	-	-	11,200	1,100
FLOUNDERS:						
BLACKBACK	2,600	157	33,200	1,919	19,900	1,191
FLUKE	-	-	348,400	101,518	1,600	455
GIZZARD SHAD.	-	-	-	-	1,000	19
HAKE, RED	-	-	7,600	217	-	-
HERRING, SEA.	-	-	9,500	186	-	-
HOGCHOKER	-	-	-	-	300	15
KING WHITING OR "KINGFISH".	-	-	3,700	442	-	-
MACKEREL, SPANISH	-	-	-	-	1,700	279
MENHADEN.	14,600	291	-	-	3,962,300	84,120
SCUP OR PORGY	-	-	49,700	6,012	-	-
SEA BASS, BLACK	-	-	37,600	7,546	-	-
SEA ROBIN	-	-	26,800	278	-	-
SEA TROUT OR WEAKFISH, GRAY	100	18	144,000	9,126	9,000	1,583
SHAD.	100	11	700	66	71,600	7,890
SHARKS:						
GRAYFISH.	-	-	15,800	886	-	-
OTHER	-	-	47,200	945	-	-
SPOT.	27,100	3,687	-	-	15,500	2,466
STRIPED BASS.	418,500	85,314	333,100	66,220	537,000	112,697
STURGEON, COMMON.	-	-	4,500	534	200	32
SUCKERS	200	6	-	-	300	5
SUNFISH	2,200	131	-	-	-	-
SWELLFISH	200	8	15,600	373	112,700	4,572
TAUTOG.	-	-	600	30	-	-
WHITE PERCH	233,000	31,314	-	-	237,400	32,040
WHITING	-	-	9,400	1,110	-	-
YELLOW PERCH.	12,000	1,285	-	-	22,700	2,404
UNCLASSIFIED:						
FOR FOOD.	-	-	2,200	198	100	10
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	35,000	259	-	-
LOBSTERS, NORTHERN.	-	-	4,400	3,218	-	-
CONCHS.	-	-	19,900	2,849	-	-
SQUID	-	-	15,000	1,256	-	-
TOTAL	831,000	128,490	1,231,900	211,610	8,501,100	317,410

SPECIES	POUND NETS - CONTINUED		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
	CRAB				CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	3,100	$47	-	-
CARP.	-	-	12,400	260	-	-
CATFISH AND BULLHEADS . . .	-	-	152,200	17,166	-	-
CRAPPIE	-		2,200	121	-	-
EEL, COMMON	-	-	4,500	442	-	-
FLOUNDER, BLACKBACK	-	-	100	8	-	-
GIZZARD SHAD.	-	-	100	1	-	-
PIKE OR PICKEREL.	-	-	4,400	1,004	-	-
STRIPED BASS.	-	-	2,500	525	-	-
SUCKERS	-	-	300	11	-	-
SUNFISH	-	-	3,700	222	-	-
SWELLFISH	-	-	-	-	1,000,000	$30,500
WHITE PERCH	-	-	88,600	12,081	-	-
YELLOW PERCH.	-	-	53,900	5,823	-	-
CRABS, BLUE:						
HARD.	-	-	-	-	5,003,300	593,698
SOFT.	50,000	$23,150	-	-	123,200	56,783
TOTAL	50,000	23,150	328,000	37,711	6,126,500	680,981

(CONTINUED ON NEXT PAGE)

MARYLAND - CATCH BY GEAR, 1968 - Continued

SPECIES	POTS AND TRAPS - CONTINUED					
	EEL		FISH		TURTLE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . .	-	-	79,300	$8,435	-	-
EEL, COMMON	244,200	$26,923	-	-	-	-
SEA BASS, BLACK	-	-	86,600	22,485	-	-
TERRAPIN.	-	-	-	-	3,100	$1,136
TURTLES, SNAPPER.	-	-	-	-	68,600	10,333
TOTAL	244,200	26,923	165,900	30,920	71,700	11,469

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	577,800	$8,664	20,300	$305	-	-
BLUEFISH.	6,300	919	1,700	196	29,500	$3,537
BUTTERFISH.	100	6	-	-	-	-
CARP.	30,500	609	5,800	115	-	-
CATFISH AND BULLHEADS . . .	38,500	4,214	24,400	3,036	-	-
CRAPPIE	1,600	112	-	-	-	-
FLOUNDER, BLACKBACK	18,100	1,014	500	30	-	-
GIZZARD SHAD.	28,900	541	200	3	-	-
HICKORY SHAD.	5,800	182	1,000	30	-	-
MACKEREL, ATLANTIC.	-	-	48,800	1,631	-	-
MENHADEN.	383,400	7,665	-	-	-	-
MULLET, BLACK (LISA). . . .	1,400	136	-	-	-	-
PIKE OR PICKEREL.	2,100	306	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	100	18	-	-	-	-
SHAD.	631,300	70,646	254,400	26,834	-	-
SPOT.	3,000	640	-	-	-	-
STRIPED BASS.	1,943,600	388,798	1,142,300	237,574	155,000	30,704
SUCKERS	100	4	-	-	-	-
SUNFISH	5,300	330	900	70	-	-
WHITE PERCH	872,700	119,319	343,000	46,623	21,100	2,771
WHITING	600	110	-	-	-	-
YELLOW PERCH.	36,000	4,407	10,100	1,141	-	-
TOTAL	4,587,200	608,640	1,853,400	317,588	205,600	37,012

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	11,000	$1,320	-	-	-	-
CRABS, BLUE:						
HARD.	-	-	4,264,400	$479,788	5,400	$616
SOFT.	-	-	99,700	45,098	5,000	2,366
TOTAL	11,000	1,320	4,364,100	524,886	10,400	2,982

SPECIES	SCRAPES		DREDGES			
			CLAM		OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD.	71,900	$8,251	-	-	-	-
SOFT.	723,700	335,155	-	-	-	-
CLAMS:						
HARD, PUBLIC.	-	-	479,700	$266,171	-	-
SOFT, PUBLIC.	-	-	5,578,900	1,869,705	-	-
SURF.	-	-	5,328,400	535,772	-	-
CONCHS.	-	-	96,200	14,430	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	-	-	607,600	$415,254
FALL.	-	-	-	-	1,528,800	1,030,732
PRIVATE:						
SPRING.	-	-	-	-	481,900	502,977
FALL.	-	-	-	-	367,000	361,056
TERRAPIN.	2,100	989	-	-	-	-
TOTAL	797,700	344,395	11,483,200	2,686,078	2,985,300	2,310,019

(CONTINUED ON NEXT PAGE)

MARYLAND - CATCH BY GEAR, 1968 - Continued

SPECIES	TONGS				HOOKS	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	45,900	$26,250	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	4,687,900	$3,006,912	-	-	-	-
FALL.	7,150,200	4,642,314	-	-	-	-
PRIVATE:						
SPRING.	30,300	18,725	-	-	-	-
FALL.	20,100	12,482	-	-	-	-
TURTLES, SNAPPER.	-	-	-	-	5,600	$840
TOTAL	11,888,500	7,680,433	45,900	26,250	5,600	840

VIRGINIA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		POUND NETS		FYKE AND HOOP NETS, FISH
			FISH	LOBSTER	FISH	CRAB	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	83	437	294	21	306	5	-
ON BOATS AND SHORE:							
REGULAR	294	-	12	-	577	203	70
CASUAL.	184	-	-	-	331	100	43
TOTAL	561	437	306	21	1,214	308	113
VESSELS, MOTOR.	18	27	73	4	61	4	-
GROSS TONNAGE	156	7,178	5,070	246	731	35	-
BOATS:							
MOTOR	183	54	7	-	220	266	79
OTHER	73	-			221	-	7
GEAR:							
NUMBER.	132	27	80	4	640	2,098	271
LENGTH, YARDS	70,330	10,160	-	-	-	-	-
YARDS AT MOUTH.	-	-	2,030	120	-	-	-

ITEM	POTS AND TRAPS				GILL NETS		
	CRAB	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE	DRIFT	
						SHAD	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	324	9	10	-	87	-	38
ON BOATS AND SHORE:							
REGULAR	762	90	75	9	525	150	288
CASUAL.	241	49	58	7	362	127	293
TOTAL	1,327	148	143	16	974	277	619
VESSELS, MOTOR.	218	5	5	-	45	-	19
GROSS TONNAGE	1,614	39	71	-	365	-	208
BOATS:							
MOTOR	961	123	115	13	611	157	334
OTHER	-	-	-	4	11	5	-
GEAR:							
NUMBER.	138,805	9,713	12,830	248	1,164	177	383
SQUARE YARDS.	-	-	-	-	603,200	143,600	216,200

ITEM	LINES			DIP NETS, COMMON	SCRAPES	DREDGES	
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS			CLAM	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	32	9	-	14	24	430
ON BOATS AND SHORE:							
REGULAR	23	25	55	40	51	31	31
CASUAL.	32	22	14	22	15	7	9
TOTAL	55	79	78	62	80	62	470

(CONTINUED ON NEXT PAGE)

VIRGINIA - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	LINES			DIP NETS, COMMON	SCRAPES	DREDGES	
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS			CLAM	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR.	-	5	6	-	13	12	167
GROSS TONNAGE	-	509	45	-	95	147	2,805
BOATS:							
MOTOR	42	46	68	62	66	29	34
OTHER	7	-	-	-	-	-	-
GEAR:							
NUMBER.	874	51	75	62	153	41	320
YARDS AT MOUTH.	-	-	-	-	161	46	519
HOOKS OR BAITS.	874	11,535	35,300	-	-	-	-

ITEM	DREDGES - CONTINUED		TONGS		RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	SCALLOP, SEA	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	333	252	642	130	-	-	2,726
ON BOATS AND SHORE:							
REGULAR	142	-	1,220	342	72	61	2,758
CASUAL.	69	-	659	147	32	27	1,930
TOTAL	544	252	2,521	619	104	88	7,414
VESSELS, MOTOR.	135	24	305	78	-	-	843
GROSS TONNAGE	1,298	2,604	2,377	624	-	-	20,450
BOATS:							
MOTOR	108	-	1,362	405	10	-	3,165
OTHER	-	-	-	-	-	-	344
GEAR:							
NUMBER.	294	48	2,522	619	104	-	-
YARDS AT MOUTH.	340	168	-	-	-	-	-

VIRGINIA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	1,483,600	$24,767	-	-	-	-
BLUEFISH.	57,800	6,545	-	-	3,700	$436
BONITO.	400	25	-	-	-	-
BUTTERFISH.	70,300	7,760	-	-	362,600	34,689
CABIO	800	72	-	-	-	-
CARP.	94,100	2,235	-	-	-	-
CATFISH AND BULLHEADS . . .	108,500	15,399	-	-	-	-
COD	-	-	-	-	2,700	346
CROAKER	300	63	-	-	2,300	471
DRUM, BLACK	6,800	264	-	-	100	6
EEL, COMMON	40,600	5,998	-	-	-	-
FLOUNDERS:						
BLACKBACK	83,800	4,356	-	-	452,800	22,679
FLUKE	41,500	11,990	-	-	1,989,600	553,082
UNCLASSIFIED.	-	-	-	-	14,000	530
GIZZARD SHAD.	1,800	26	-	-	-	-
HAKE, RED	-	-	-	-	7,600	249
HARVESTFISH	8,200	1,138	-	-	-	-
HERRING, SEA.	6,000	60	-	-	-	-
HICKORY SHAD.	400	17	-	-	-	-
KING WHITING OR "KINGFISH".	28,900	3,764	-	-	32,900	3,315
MACKEREL:						
ATLANTIC.	400	28	-	-	23,300	1,516
KING.	1,700	370	-	-	-	-
SPANISH	13,000	2,170	-	-	-	-
MENHADEN.	162,900	2,172	255,781,200	$3,427,468	-	-
MULLET, BLACK (LISA). . . .	1,400	126	-	-	100	9
PIGFISH	2,600	130	-	-	-	-
SCUP OR PORGY	2,100	199	-	-	2,408,000	229,564
SEA BASS.	200	28	-	-	1,440,600	199,831
SEA ROBIN	7,000	98	-	-	100	3
SEA TROUT OR WEAKFISH:						
GRAY.	209,600	22,293	-	-	40,500	3,041
SPOTTED	2,200	330	-	-	-	-

(CONTINUED ON NEXT PAGE)

VIRGINIA - CATCH BY GEAR, 1968 - Continued

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHAD	11,700	$747	-	-	-	-
SHARKS, GRAYFISH	2,600	86	-	-	11,700	$433
SPOT	380,800	37,283	-	-	3,500	422
STRIPED BASS	408,900	75,274	-	-	90,000	18,524
STURGEON, COMMON	700	113	-	-	1,300	199
SWELLFISH	507,700	9,138	-	-	80,700	4,161
TAUTOG	-	-	-	-	100	9
TILEFISH	-	-	-	-	100	11
WHITE PERCH	167,700	19,980	-	-	-	-
WHITING	-	-	-	-	46,100	2,548
UNCLASSIFIED:						
FOR FOOD	10,500	1,050	-	-	2,400	242
BAIT, REDUCTION, AND ANIMAL FOOD	103,400	1,243	-	-	71,600	1,350
LOBSTERS, NORTHERN	-	-	-	-	68,600	43,848
CONCHS	-	-	-	-	40,100	4,006
SQUID	-	-	-	-	430,400	19,539
TERRAPIN	2,000	800	-	-	-	-
TOTAL	4,032,900	258,137	255,781,200	$3,427,468	7,627,500	1,145,059

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS			
	LOBSTER		FISH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	27,421,300	$454,826	-	-
BLUEFISH	-	-	154,200	18,226	-	-
BONITO	-	-	800	49	-	-
BUTTERFISH	9,900	$940	254,800	26,727	-	-
CABIO	-	-	2,500	221	-	-
CARP	-	-	6,000	144	-	-
CATFISH AND BULLHEADS	-	-	6,900	986	-	-
CROAKER	-	-	2,100	441	-	-
DRUM:						
BLACK	-	-	230,700	10,994	-	-
RED	-	-	100	11	-	-
EEL, COMMON	-	-	183,500	30,296	-	-
FLOUNDERS:						
BLACKBACK	100	5	287,200	15,682	-	-
FLUKE	400	110	88,500	26,059	-	-
GIZZARD SHAD	-	-	400	6	-	-
HARVESTFISH	-	-	17,900	3,003	-	-
HERRING, SEA	-	-	35,800	358	-	-
HICKORY SHAD	-	-	5,100	237	-	-
KING WHITING OR "KINGFISH"	-	-	14,200	1,756	-	-
MACKEREL:						
ATLANTIC	-	-	5,500	385	-	-
KING	-	-	1,400	308	-	-
SPANISH	-	-	45,500	7,575	-	-
MENHADEN	-	-	13,516,100	185,335	-	-
MULLET, BLACK (LISA)	-	-	700	73	-	-
SCUP OR PORGY	-	-	22,400	2,004	-	-
SEA BASS, BLACK	300	36	400	68	-	-
SEA ROBIN	-	-	67,200	979	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	735,500	65,534	-	-
SPOTTED	-	-	3,600	528	-	-
SHAD	-	-	1,445,400	92,815	-	-
SHARKS:						
GRAYFISH	-	-	3,900	128	-	-
UNCLASSIFIED	-	-	100	2	-	-
SPOT	-	-	465,700	45,068	-	-
STRIPED BASS	-	-	365,600	64,259	-	-
SWELLFISH	-	-	1,990,600	36,951	-	-
TAUTOG	-	-	100	8	-	-
WHITE PERCH	-	-	107,300	12,873	-	-
WHITING	300	17	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	35,100	3,534	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	666,400	9,508	-	-
CRABS, BLUE:						
HARD	-	-	6,900	759	1,253,300	$137,852
SOFT AND PEELER	-	-	-	-	273,500	103,828
LOBSTERS, NORTHERN	43,100	27,584	-	-	-	-
TOTAL	54,100	28,692	48,197,400	1,118,716	1,526,800	241,680

(CONTINUED ON NEXT PAGE)

VIRGINIA - CATCH BY GEAR, 1968 - Continued

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
			CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	3,204,500	$53,089	-	-	-	-
CARP.	16,000	378	-	-	-	-
CATFISH AND BULLHEADS . . .	195,000	28,010	-	-	2,000	$286
EEL, COMMON	47,000	6,970	-	-	438,500	85,868
FLOUNDER, BLACKBACK	100	5	-	-	-	-
GARFISH	100	2	-	-	-	-
GIZZARD SHAD.	1,000	14	-	-	-	-
HICKORY SHAD.	3,100	138	-	-	-	-
MENHADEN.	238,100	3,067	-	-	-	-
MULLET, BLACK (LISA). . . .	200	17	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	100	8	-	-	-	-
SHAD.	123,400	7,800	-	-	-	-
STRIPED BASS.	115,500	20,887	-	-	-	-
STURGEON, COMMON.	900	146	-	-	-	-
SWELLFISH	-	-	42,000	$1,777	-	-
WHITE PERCH	78,400	9,398	-	-	-	-
CRABS, BLUE:						
HARD.	-	-	30,975,800	3,468,526	-	-
SOFT AND PEELER	-	-	318,600	127,197	-	-
CONCHS.	-	-	77,000	5,300	-	-
TOTAL	4,023,400	129,929	31,413,400	3,602,800	440,500	86,154

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		TURTLE		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	-	-	160,900	$2,865
BLUEFISH.	-	-	-	-	16,600	2,288
CARP.	-	-	-	-	3,100	70
CATFISH AND BULLHEADS . . .	643,600	$92,129	-	-	1,900	210
CROAKER	-	-	-	-	800	168
GIZZARD SHAD.	-	-	-	-	2,200	33
HAKE, RED	1,000	23	-	-	-	-
HICKORY SHAD.	-	-	-	-	3,100	143
KING WHITING OR "KINGFISH".	-	-	-	-	7,100	948
MACKEREL, ATLANTIC.	-	-	-	-	100	7
MENHADEN.	-	-	-	-	18,900	433
MULLET. BLACK (LISA). . . .	-	-	-	-	1,100	89
SEA BASS, BLACK	155,000	33,110	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	66,700	7,427
SHAD.	-	-	-	-	667,400	41,796
SPOT.	-	-	-	-	147,800	16,849
STRIPED BASS.	-	-	-	-	565,400	101,929
STURGEON, COMMON.	-	-	-	-	700	115
SWELLFISH	5,500	110	-	-	11,400	219
WHITE PERCH	-	-	-	-	46,300	5,659
YELLOW PERCH.	-	-	-	-	100	15
UNCLASSIFIED:						
FOR FOOD.	-	-	-	-	1,000	110
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	1,400	35
LOBSTERS, NORTHERN.	400	376	-	-	-	-
TURTLES, SNAPPER.	-	-	23,800	$5,236	-	-
TOTAL	805,500	125,748	23,800	5,236	1,724,000	181,408

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT				HAND	
	SHAD		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALJE
ALEWIVES.	33,100	$549	16,000	$267	-	-
BLUEFISH.	-	-	5,800	661	3,300	$442
BONITO.	-	-	-	-	500	41
BUTTERFISH.	-	-	600	64	-	-
CABIO	-	-	-	-	300	25
CARP.	200	5	200	5	-	-
CROAKER	-	-	700	147	-	-
DRUM, BLACK	-	-	91,400	5,775	-	-
FLOUNDER, FLUKE	-	-	37,700	10,534	5,700	1,585
HICKORY SHAD.	1,600	70	300	12	-	-
KING WHITING OR "KINGFISH".	-	-	2,300	285	-	-
MACKEREL, ATLANTIC.	-	-	410,900	24,147	-	-
MULLET, BLACK (LISA). . . .	-	-	4,500	396	-	-
SEA BASS, BLACK	-	-	-	-	1,700	518
SEA TROUT OR WEAKFISH, GRAY	-	-	64,900	5,766	2,800	463
SHAD.	279,500	16,790	22,100	1,425	-	-
SHARKS, GRAYFISH.	-	-	119,600	4,785	-	-

(CONTINUED ON NEXT PAGE)

VIRGINIA - CATCH BY GEAR, 1968 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT				HAND	
	SHAD		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SPOT	-	-	118,200	$11,487	-	-
STRIPED BASS	51,600	$9,436	16,500	3,018	-	-
STURGEON, COMMON	-	-	9,000	1,013	-	-
WHITE PERCH	-	-	400	48	-	-
WHITING	-	-	900	43	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	1,500	150	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	500	9	-	-
TURTLES, SNAPPER	-	-	-	-	80,000	$17,600
TOTAL	366,000	26,850	924,000	70,037	94,300	20,674

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	110,500	$15,802	-	-	-	-
SWORDFISH	86,000	49,666	-	-	-	-
TUNA, UNCLASSIFIED	4,200	724	-	-	-	-
CRABS, BLUE:						
HARD	-	-	2,568,900	$285,323	47,700	$5,247
SOFT AND PEELER	-	-	33,700	13,817	15,400	6,314
TOTAL	200,700	66,192	2,602,600	299,140	63,100	11,561

SPECIES	SCRAPES		DREDGES			
			CLAM		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD	115,000	$19,488	-	-	9,873,300	$1,010,940
SOFT AND PEELER	150,500	56,086	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	202,400	$116,005	-	-
SOFT, PUBLIC	-	-	2,900	898	-	-
SURF	-	-	17,000	1,900	-	-
CONCHS	-	-	-	-	209,300	17,889
TOTAL	265,500	75,574	222,300	118,803	10,082,600	1,028,829

SPECIES	DREDGES - CONTINUED				TONGS	
	OYSTER, COMMON		SCALLOP, SEA		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	1,662,500	$1,138,693
FALL	-	-	-	-	2,303,300	1,575,114
PRIVATE:						
SPRING	1,779,500	$1,175,242	-	-	174,200	115,997
FALL	1,685,300	1,125,632	-	-	199,900	138,071
SCALLOPS, SEA	-	-	2,112,200	$2,267,580	-	-
TOTAL	3,464,800	2,300,874	2,112,200	2,267,580	4,339,900	2,967,875

SPECIES	TONGS - CONTINUED		RAKES		BY HAND	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT AND PEELER	-	-	-	-	14,000	$5,762
CLAMS, HARD:						
PUBLIC	1,357,700	$765,402	113,100	$62,039	77,500	42,475
PRIVATE	114,400	67,018	4,000	2,339	-	-
CONCHS	-	-	-	-	1,000	100
TOTAL	1,472,100	832,420	117,100	64,378	92,500	48,337

CHESAPEAKE STATES - CATCH BY WATERS, 1968

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	3,963,300	$61,154	-	-
BLUEFISH	15,700	$1,934	125,000	15,082	14,800	$1,705
BUTTERFISH	17,200	1,725	300	26	367,400	35,114
CARP	-	-	129,700	2,582	30,000	755
CATFISH AND BULLHEADS	-	-	352,200	39,298	5,000	500
COD	47,000	4,171	-	-	200	21
CRAPPIE	-	-	3,800	233	-	-
CROAKER	-	-	100	16	2,100	445
DRUM, BLACK	100	4	22,300	1,549	-	-
EEL, COMMON	-		264,900	28,975	1,300	132
FLOUNDERS:						
BLACKBACK	33,200	1,919	41,200	2,400	409,600	20,490
FLUKE	348,400	101,518	1,600	455	1,542,300	425,101
UNCLASSIFIED	-	-	-	-	14,000	530
GIZZARD SHAD	-	-	30,200	564	-	-
HAKE, RED	7,600	217	-	-	7,500	247
HERRING, SEA	9,500	186	-	-	-	-
HICKORY SHAD	-	-	6,800	212	-	-
HOGCHOKER	-	-	300	15	-	-
KING WHITING OR "KINGFISH"	3,700	442	-	-	23,800	2,933
MACKEREL:						
ATLANTIC	48,800	1,531	-	-	23,300	1,516
SPANISH	-	-	1,700	279	-	-
MENHADEN	-	-	4,360,300	92,076	22,147,600	296,778
MULLET, BLACK (LISA)	-	-	1,400	136	100	9
PIKE OR PICKEREL	-	-	6,500	1,310	-	-
SCUP OR PORGY	49,700	6,012	-	-	2,404,900	229,271
SEA BASS, BLACK	124,200	30,031	-	-	1,435,300	198,541
SEA ROBIN	-	-	26,800	278	100	3
SEA TROUT OR WEAKFISH, GRAY	144,000	9,126	9,200	1,619	3,800	450
SHAD	700	66	957,400	105,381	-	-
SHARKS:						
GRAYFISH	15,800	886	-	-	5,000	166
UNCLASSIFIED	47,200	945	-	-	-	-
SPOT	-	-	45,600	6,793	17,500	1,724
STRIPED BASS	341,600	67,360	4,190,400	854,472	64,000	14,697
STURGEON, COMMON	4,500	534	200	32	400	67
SUCKERS		-	300	26	-	-
SUNFISH	-	-	12,100	753	-	-
SWELLFISH	15,600	373	1,112,400	35,080	4,000	81
SWORDFISH	-	-	-	-	53,500	32,960
TAUTOG	600	30		-	100	9
TILEFISH	-	-	-	-	100	11
TUNA, UNCLASSIFIED	-	-	-	-	4,200	724
WHITE PERCH	-	-	1,795,800	244,148	21,000	3,153
WHITING	10,000	1,220	-	-	45,900	2,541
YELLOW PERCH	-	-	134,700	15,060	-	-
UNCLASSIFIED:						
FOR FOOD	2,200	198	100	10	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	35,000	259	-	-		-
CRABS, BLUE:						
HARD	119,400	13,742	9,225,600	1,068,611	-	-
SOFT AND PEELER	-	-	1,001,600	462,552	-	-
LOBSTERS, NORTHERN	4,400	3,218	-	-	110,300	70,428
CLAMS:						
HARD, PUBLIC	484,100	267,028	41,500	25,393	-	-
SOFT, PUBLIC	-		5,578,900	1,869,705	-	-
SURF	5,328,400	535,772	-	-	-	-
CONCHS	116,100	17,27[illegible]	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	5,295,500	3,422,166	-	-
FALL	-	-	8,679,000	5,673,046	-	-
PRIVATE:						
SPRING	145,000	293,750	367,200	227,952	-	-
FALL	75,300	175,000	311,800	198,538	-	-
SCALLOPS, SEA	-	-	-	-	2,112,200	2,267,580
SQUID	15,000	1,2[illegible]	-	-	423,700	18,468
TERRAPIN	-	-	5,200	2,125	-	-
TURTLES, SNAPPER	-	-	74,200	11,1[illegible]3	-	-
TOTAL	7,610,000	1,537,832	48,178,200	14,471,275	31,295,000	3,627,155

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - CATCH BY WATERS, 1968 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	32,319,400	$536,363	-	-	36,282,700	$597,517
BLUEFISH	226,600	26,893	30,500	$3,639	351,600	41,975
BONITO	1,700	115	-	-	1,700	115
BUTTERFISH	330,800	35,066	384,600	36,839	331,100	35,092
CABIO	3,600	318	-	-	3,600	318
CARP	89,600	2,137	30,000	700	219,300	4,719
CATFISH AND BULLHEADS	1,063,400	152,322	5,000	500	1,415,600	191,620
COD	2,500	325	47,200	4,192	2,500	325
CRAPPIE	-	-	-	-	3,800	233
CROAKER	4,100	845	2,100	445	4,200	861
DRUM:						
BLACK	329,000	17,039	100	4	351,300	18,588
RED	100	11	-	-	100	11
EEL, COMMON	708,300	128,940	1,300	192	973,200	157,915
FLOUNDERS:						
BLACKBACK	414,400	22,237	442,800	22,409	455,600	24,637
FLUKE	621,100	178,259	1,890,700	526,619	622,700	178,714
UNCLASSIFIED	-	-	14,000	530	-	-
GARFISH	100	2	-	-	100	2
GIZZARD SHAD	5,400	79	-	-	35,600	643
HAKE, RED	1,100	25	15,100	464	1,100	25
HARVESTFISH	26,100	4,141	9,500	186	26,100	4,141
HERRING, SEA	41,800	418	-	-	41,800	418
HICKORY SHAD	13,600	617	-	-	20,400	829
HOGCHOKER	-	-	-	-	300	15
KING WHITING OR "KINGFISH"	61,600	7,135	27,500	3,375	61,600	7,135
MACKEREL:						
ATLANTIC	416,900	24,567	72,100	3,147	416,900	24,567
KING	3,100	678	-	-	3,100	678
SPANISH	58,500	9,745	-	-	60,200	10,024
MENHADEN	247,569,600	3,321,697	22,147,600	296,778	251,929,900	3,413,773
MULLET, BLACK (LISA)	7,900	701	100	9	9,300	837
PIGFISH	2,600	130	-	-	2,600	130
PIKE OR PICKEREL	-	-	-	-	6,500	1,310
SCUP OR PORGY	27,600	2,496	2,454,600	235,283	27,600	2,496
SEA BASS, BLACK	162,900	35,050	1,559,500	228,572	162,900	35,050
SEA ROBIN	74,200	1,077	100	3	101,000	1,355
SEA TROUT OR WEAKFISH:						
GRAY	1,116,300	104,082	147,800	9,576	1,125,500	105,701
SPOTTED	5,800	858	-	-	5,800	858
SHAD	2,54[illegible],500	161,373	700	66	3,506,900	266,754
SHARKS:						
GRAYFISH	132,800	5,266	20,800	1,052	132,800	5,266
UNCLASSIFIED	100	2	47,200	945	100	2
SPOT	1,098,500	109,385	17,500	1,724	1,144,100	116,178
STRIPED BASS	1,549,500	278,630	405,600	82,057	5,739,900	1,133,102
STURGEON, COMMON	12,200	1,519	4,900	601	12,400	1,551
SUCKERS	-	-	-	-	900	26
SUNFISH	-	-	-	-	12,100	753
SWELLFISH	2,633,900	52,275	19,600	454	3,746,800	87,355
SWORDFISH	32,500	16,706	53,500	32,960	32,500	16,706
TAUTOG	100	8	700	39	100	8
TILEFISH	-	-	100	11	-	-
TUNA, UNCLASSIFIED	-	-	4,200	724	-	-
WHITE PERCH	379,100	44,805	21,000	3,153	2,174,900	288,953
WHITING	1,400	67	55,900	3,761	1,400	67
YELLOW PERCH	100	15	-	-	134,800	15,075
UNCLASSIFIED:						
FOR FOOD	50,500	5,086	2,200	198	50,600	5,096
BAIT, REDUCTION, AND ANIMAL FOOD	843,300	12,145	35,000	259	843,300	12,145
CRABS, BLUE:						
HARD	44,840,900	4,928,135	119,400	13,742	54,066,500	5,996,746
SOFT AND PEELER	805,700	313,004	-	-	1,807,300	775,556
LOBSTERS, NORTHERN	1,800	1,380	114,700	73,646	1,800	1,380
CLAMS:						
HARD:						
PUBLIC	1,750,700	985,921	484,100	267,028	1,792,200	1,011,314
PRIVATE	118,400	69,357	-	-	118,400	69,357
SOFT, PUBLIC	2,900	898	-	-	5,561,600	1,870,603
SURF	17,000	1,900	5,328,400	535,772	17,000	1,900
CONCHS	327,400	27,295	116,100	17,279	327,400	27,295

SEE FOOTNOTE AT END OF TABLE.

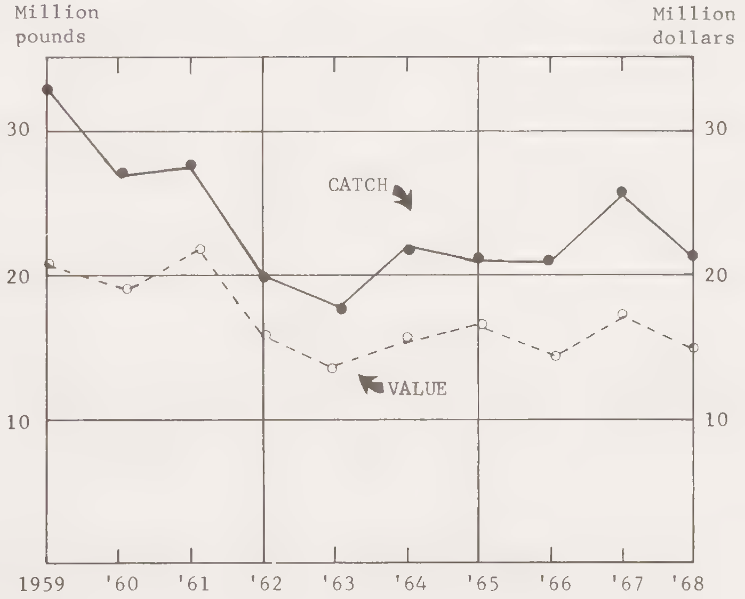
(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - CATCH BY WATERS, 1968 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	1,662,500	$1,138,693	-	-	6,958,000	$4,560,859
FALL.	2,303,300	1,575,114	-	-	10,982,300	7,248,160
PRIVATE:						
SPRING.	1,953,700	1,291,239	145,000	$293,750	2,320,900	1,519,191
FALL.	1,885,200	1,263,703	75,300	175,000	2,197,000	1,462,241
SCALLOPS, SEA	-	-	2,112,200	2,267,580	-	-
SQUID	6,700	1,071	438,700	19,724	6,700	1,071
TERRAPIN.	2,000	800	-	-	7,200	2,925
TURTLES, SNAPPER.	103,800	22,836	-	-	178,000	34,009
TOTAL.	350,775,200	16,922,996	38,905,000	5,164,987	398,953,400	31,394,271

1/ INCLUDES BAYS AND CREEKS, EXCLUSIVE OF CHESAPEAKE BAY, WHICH DRAIN INTO THE ATLANTIC OCEAN.

CHESAPEAKE STATES OYSTER CATCH AND VALUE, 1959-68



POTOMAC RIVER SHAD AND ALEWIFE FISHERY

The Potomac River shad catch was 146,588 fish weighing 393,900 pounds, worth $37,283 to the fishermen. This was an increase of 78 percent in number, 83 percent in volume, and 31 percent in value compared with the previous year.

The catch of alewives in the Potomac River was 17,599,664 fish weighing 8,447,700 pounds, valued at $138,258. Compared with 1967, the number of fish declined 4 percent and the poundage, 1 percent. The value, however, was slightly more than a year earlier.

There were 475 fishermen in the Potomac River shad and alewife fisheries--45 more than in the previous year. Statistics on the catch and operating units of these fisheries are included in catch and operating unit data for Maryland and Virginia.

SUMMARY OF OPERATING UNITS AND CATCH, 1968

ITEM	MARYLAND			VIRGINIA			TOTAL		
OPERATING UNITS	NUMBER			NUMBER			NUMBER		
FISHERMEN:									
ON VESSELS.	4			123			127		
ON BOATS AND SHORE:									
REGULAR .	28			193			221		
CASUAL. .	26			101			127		
TOTAL .	58			417			475		
VESSELS,									
MOTOR. . . .	2			26			28		
GROSS TONNAGE . . .	14			205			219		
BOATS:									
MOTOR . . .	43			153			196		
OTHER . . .	16			90			106		
GEAR:									
HAUL SEINES, COMMON . .	-			4			4		
POUND NETS.	1			151			152		
GILL NETS:									
ANCHOR, SET OR STAKE. .	44			229			273		
SQUARE YARDS.	84,105			141,300			225,405		
DRIFT . .	2			11			13		
SQUARE YARDS.	2,400			9,200			11,600		
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD:									
HAUL SEINES, COMMON . .	-	-	-	297	800	$52	297	800	$52
POUND NETS.	166	400	$58	79,480	213,800	18,740	79,646	214,200	18,798
GILL NETS:									
ANCHOR, SET OR STAKE. .	38,953	104,400	13,685	22,082	59,400	3,576	61,035	163,800	17,261
DRIFT . .	666	1,800	234	4,944	13,300	938	5,610	15,100	1,172
TOTAL .	39,785	106,600	13,977	106,803	287,300	23,306	146,588	393,900	37,283
ALEWIVES:									
HAUL SEINES, COMMON . .	-	-	-	31,000	14,900	250	31,000	14,900	250
POUND NETS.	7,228	3,500	70	17,314,000	8,310,700	136,003	17,321,228	8,314,200	136,073
GILL NETS:									
ANCHOR, SET OR STAKE. .	7,228	3,500	70	240,000	115,000	1,863	247,228	118,500	1,933
DRIFT . .	-	-	-	208	100	2	208	100	2
TOTAL .	14,456	7,000	140	17,585,208	8,440,700	138,118	17,599,664	8,447,700	138,258

NOTE:--EXCLUDES TRIBUTARIES OF THE POTOMAC RIVER.

SECTION 5 - SOUTH ATLANTIC FISHERIES

Commercial landings of fish and shellfish at ports of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida) including the commercial catch from fresh-water areas of Florida were 339.4 million pounds worth a record $32.9 million--a decline of 13.9 million pounds but an increase of nearly $8.0 million compared with 1967. The volume decline resulted principally from smaller catches of alewives, flounders, menhaden, spot, blue crabs, and miscellaneous species used for animal food and for reduction into meal and oil. The gain in value was caused mainly by significant price increases in several leading species including shrimp, spiny lobsters, oysters, red snapper, and hard blue crabs.

North Carolina led all States with landings of 232.2 million pounds worth $9.7 million--a gain of 7.1 million pounds and $1.4 million compared with 1967. In South Carolina, landings of 21.3 million pounds increased 2.5 million pounds and the value ($5.6 million) increased $2.4 million. Compared with 1967, landings in Georgia (14.3 million pounds) declined 12 percent but the value ($6.2 million) increased 70 percent. Landings along the East Coast of Florida (71.6 million pounds) declined 23 percent, but the value ($11.4 million) was 16 percent greater than in 1967. All States had record values in 1968.

Fishermen and vessels. Only 7,235 regular fishermen were employed in the South Atlantic area--109 less than in 1967. Of this number, 3,663 were on vessels and 3,572 on boats or fishing from shore. Casual fishermen (those deriving less than 50 percent of their income from commercial fishing) numbered 2,717--7 more than in 1967. The number of vessels used in the commercial fisheries increased from 1,152 in 1967 to 1,253 in 1968. The 5,603 boats used, however, were 218 less than in the previous year.

For the first time, a large purse seiner landed a substantial catch of skipjack and yellowfin tuna taken in Pacific waters at Miami, Fla., for canning in a local processing plant. However, charges for unloading the vessel and trucking the fish to both freezer and cannery proved to be too costly to make Miami a possible port of landing for tuna purse seiners.

Shrimp. Landings were 24.3 million pounds (heads-on) worth a record $14.0 million--an increase of 3.7 million pounds and $5.0 million compared with 1967. A continuing consumer demand throughout the year resulted in record prices that brought prosperity to most of the shrimp industry. The average price per pound for shrimp increased from nearly 44 cents in 1967 to about 58 cents in 1968. In addition, the high-priced jumbo and large shrimp (under 15, 15-20, 21-25, and 26-30 tails per pound) were 46 percent of the landings--compared with 38 percent in 1967.

North Carolina shrimp landings of 4.6 million pounds declined 6 percent, but the exvessel value ($2.4 million) was 30 percent greater than in 1967. The average annual price was 51 cents per pound--compared with 37 cents in the previous year. Landings in South Carolina were 6.3 million pounds and in Georgia, 8.5 million pounds--a gain of 55 and 28 percent, respectively, compared with 1967. Both States had record values. The value in South Carolina ($3.7 million) increased 120 percent; in Georgia ($4.9 million), 63 percent. An abundance of white shrimp in South Carolina and Georgia waters helped fishermen and dealers recoup some of the financial losses incurred because of small catches during the previous 2 years. South Carolina had the best white shrimp catch since 1960, and Georgia had the best in more than a decade. However, the South Carolina brown shrimp harvest, a mainstay of the fishery during the spring and summer, was only 1.5 million pounds--the smallest since 1961. Florida, East Coast landings were 4.8 million pounds worth $3.0 million--a decline of 3 percent in volume but a gain of 21 percent in value compared with 1967. The Florida catch has remained fairly stable in recent years, unlike the South Carolina and Georgia landings, which have fluctuated considerably.

Menhaden. Landings of 191.4 million pounds were 2.4 million less than in 1967. The decline was caused by smaller landings along the East Coast of Florida (23.9 million pounds)--a decrease of 19.4 million pounds compared with the previous year. In North Carolina, the catch of 167.2 million was 11 percent more than in 1967. Fishermen had expected a much greater production because landings through October increased 54 percent compared with 1967. However, catches made during November and December, the months of peak production, did not maintain this lead because stormy weather hampered fishing effort. As in 1967, the 1966-year class was nearly one-half the catch. A small menhaden catch was landed in South Carolina in 1968.

Food finfish. Landings of finfish for human consumption were about 71.1 million pounds worth about $9.1 million--a decline of 6.7 million pounds but a gain of $700,000 compared with 1967.

Declines occurred in landings of alewives, croaker, flounders, king mackerel, sea bass, and spot. Flounder landings (2.8 million pounds) were 1.8 million less than in 1967, principally because the North Carolina trawl catch declined during the winter.

Landings of several major species including bluefish, gray sea trout, shad, spanish mackerel, and red snapper increased in 1968. Spanish mackerel fishermen had an excellent season with landings of 4.5 million pounds--2.6 million more than in 1967.

Hard blue crabs. The catch of 33.3 million pounds was 4.0 million less than the previous year and the smallest harvest since 1957. North Carolina landings were 19.2 million pounds--4.9 million more than in 1967. The catch in all other States continued the downward trend of recent years. The South Carolina catch was 3.9 million pounds (down 1.4 million); Georgia, 3.6 million (down 4.8 million); and Florida, East Coast, 6.6 million (down, 2.7 million pounds). Landings in Georgia were the smallest since 1945. Two processing plants in South Carolina and one in Georgia closed because of the crab shortage, and the remaining plants operated intermittently.

The value of the catch, $3.0 million, increased nearly $1.0 million compared with 1967. Keen competition for the available supply of crabs resulted in record exvessel prices paid to fishermen.

Spiny lobsters. The catch of 3.2 million pounds worth $2.2 million increased 93 percent in volume and 112 percent in value compared with 1967. The increasing popularity of spiny lobsters gave impetus to a significant expansion of the fishery. Fishing effort increased in the international waters off the Bahama Islands as well as on the Florida grounds. During the closed season in Florida (from March 31 to August 1) when Florida law prohibits taking these shellfish, several vessels fishing off the Bahamas landed their catches at Georgia ports.

Oysters. The catch of 3.0 million pounds of meats worth $1.5 million declined 6 percent in volume but increased 13 percent in value compared with 1967. Landings declined in all States except Florida, East Coast where the catch of 252,000 pounds was 38 percent more than in 1967. North Carolina landings of 402,000 pounds declined 22 percent and were the smallest on record. Landings in South Carolina (2.1 million pounds) and in Georgia (191,000 pounds) were 6 percent less in both States compared with 1967. The volume may have declined because fishermen, preferring the shrimp fishery with its good catches and high prices, did not enter the oyster fishery until later than usual in the season.

In 1959, scientists working on the Bureau's exploratory fishing vessels first discovered large concentrations of calico scallops off the East Coast of Florida. They recognized the high commercial potential of the find immediately, but fishermen and processors did not begin to develop the fishery until about 8 years later. Florida fishermen preferred fishing for shrimp because they are profitable and easily marketed: processors hesitated to undertake the difficulties of processing the calico scallop.

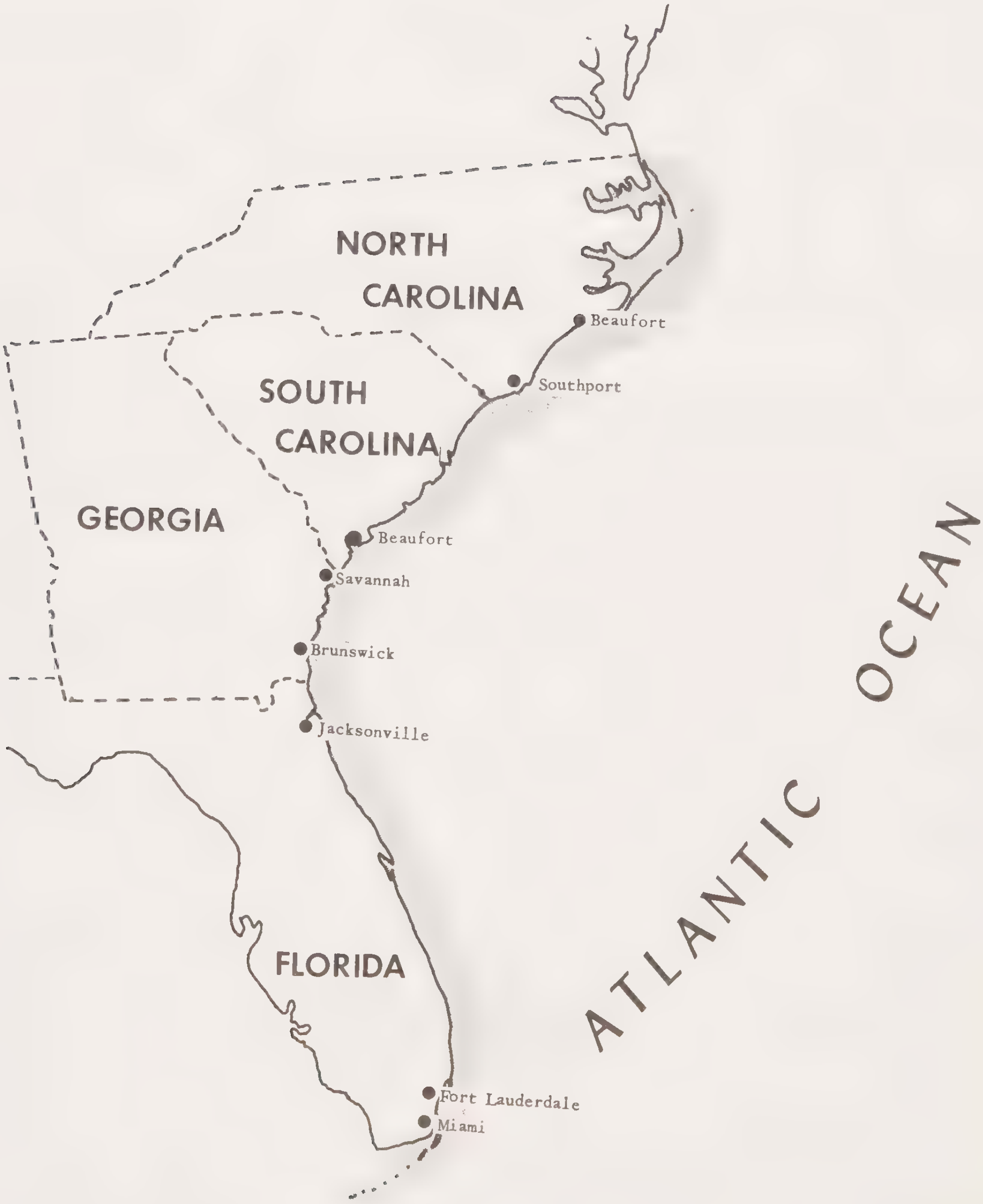
One of the main problems in processing the calico scallop is their 2-to-3 inch overall diameter, a size that makes them too small to be processed economically by handshucking at sea--a method used for sea scallops. Despite this disadvantage, a calico scallop fishery developed in North Carolina, using hand labor for shoreside processing. From 1959 to 1962, fishermen took small catches of calico scallops -- principally in North Carolina waters although a few thousand pounds were also landed in Florida, East Coast. There was no production in 1963 and 1964, but in 1965, 871,000 pounds were landed in North Carolina and 1,000 pounds in Georgia. A record 1.9 million pounds were harvested in North Carolina in 1966, followed by 1.4 million pounds harvested in 1967. But in 1968, no calico scallops were taken commercially in North Carolina because fishermen could not find them in sufficient quantities. However, 59,000 pounds were landed in Georgia and 30,000 pounds along the East Coast of Florida in 1968.

The decline in the North Carolina fishery, together with promising developments in processing machinery, led to renewed interest in the Florida beds. At the same time, a resurvey of the beds by the Bureau's scientists indicated that as much as 300 million pounds of calico scallops a year might be taken from the large beds off Florida. The scallop beds are scattered from Cape Lookout, N.C., to the vicinity of Cape Kennedy, Fla.

Other information. Condensed summary data on the operating units and catch of the South Atlantic section given on the following pages were published previously in Current Fishery Statistics No. 5536. Seasonal variations in the catch of fish and shellfish in North Carolina, South Carolina, Georgia, and Florida can be ascertained from the monthly and annual landing bulletins issued for each of these States. Additional data on many aspects of the South Atlantic fisheries may be found in the daily, monthly, and annual reports published by the Hampton, Va., Fishery Market News Office of the Bureau.

Acknowledgments. The following organizations helped collect the data appearing in this section: North Carolina Department of Conservation and Development, Division of Commercial Fisheries; South Carolina Wildlife Resources Department, Division of Commercial Fisheries; Georgia Game and Fish Commission, Coastal Fisheries Division; and Florida State Board of Conservation.

SOUTH ATLANTIC FISHERIES


NORTH CAROLINA
Beaufort
Southport
SOUTH CAROLINA
GEORGIA
Beaufort
Savannah
Brunswick
Jacksonville
FLORIDA
Fort Lauderdale
Miami
ATLANTIC OCEAN

SOUTH ATLANTIC STATES

SOUTH ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NORTH CAROLINA.	207	5	25	5	232	10
SOUTH CAROLINA.	9	1	12	5	21	6
GEORGIA	1	(1)	13	6	14	6
FLORIDA, EAST COAST	57	6	15	5	72	11
TOTAL	274	12	65	21	339	33

1/ LESS THAN $500,000.

NOTE:--THE CATCH FOR THE INLAND LAKES OF FLORIDA IS INCLUDED WITH THE CATCH FOR THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1968

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,642	597	796	1,247	3,663
ON BOATS AND SHORE:					
REGULAR	1,288	294	278	1,712	3,572
CASUAL.	1,415	514	411	377	2,717
TOTAL	4,345	1,405	1,485	3,336	9,952
VESSELS, MOTOR.	398	285	391	470	1,253
GROSS TONNAGE	22,395	8,679	16,163	19,913	54,048
BOATS:					
MOTOR	2,516	552	529	1,795	5,392
OTHER	102	7	92	10	211
GEAR:					
HAUL SEINES:					
COMMON.	79	19	-	21	119
LENGTH, YARDS	28,776	3,680	-	10,400	42,856
LONG.	40	-	-	-	40
LENGTH, YARDS.	55,650	-	-	-	55,650
PURSE SEINES:					
MENHADEN.	49	-	-	6	55
LENGTH, YARDS	19,600	-	-	2,240	21,840
TUNA.	-	-	-	1	1
LENGTH, YARDS	-	-	-	970	970
OTHER	1	-	-	6	7
LENGTH, YARDS	300	-	-	1,300	1,600
BAG NETS.	110	-	-	-	110
YARDS AT MOUTH.	2,790	-	-	-	2,790
OTTER TRAWLS:					
CRAB.	343	23	127	-	493
YARDS AT MOUTH. . . .	4,538	403	2,081	-	7,022
FISH.	196	-	-	-	196
YARDS AT MOUTH. . . .	3,927	-	-	-	3,927
SCALLOP	-	-	1	7	8
YARDS AT MOUTH. . . .	-	-	10	76	86
SHRIMP.	882	568	978	565	2,464
YARDS AT MOUTH. . . .	12,583	10,297	14,567	8,771	38,112
POUND NETS, FISH.	835	-	-	17	852
FYKE AND HOOP NETS, FISH.	80	-	-	500	580
POTS AND TRAPS:					
CRAB:					
BLUE.	24,380	7,440	5,320	28,175	65,315
OTHER	-	-	-	2,500	2,500
EEL	284	-	-	120	404
FISH.	2,368	1,510	211	11,660	15,729
LOBSTER, SPINY.	-	-	8,700	69,890	76,290
GILL NETS:					
ANCHOR, SET OR STAKE. .	2,284	43	29	40	2,396
SQUARE YARDS.	1,480,155	16,249	17,406	25,800	1,539,610
DRIFT:					
SHAD.	7	42	255	10	314
SQUARE YARDS. . . .	775	5,418	109,575	11,450	127,218
OTHER	4	-	-	23	27
SQUARE YARDS. . . .	1,350	-	-	17,700	19,050
RUNAROUND	67	-	-	287	354
SQUARE YARDS.	57,675	-	-	645,550	703,225

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
TRAMMEL NETS.	-	-	-	59	59
SQUARE YARDS.	-	-	-	62,700	62,700
LINES:					
HAND.	743	37	41	623	1,435
HOOKS	840	74	82	1,204	2,182
TROLL	18	-	-	677	695
HOOKS	18	-	-	677	695
LONG OR SET WITH HOOKS.	112	-	163	641	916
HOOKS	11,200	-	15,700	1,004,070	1,030,970
TROT WITH BAITS	154	4	-	1	159
BAITS	112,800	2,888	-	750	116,438
DIP NETS:					
COMMON.	14	-	-	1	15
DROP.	-	104	-	-	104
CAST NETS	-	3	1	-	4
SPEARS.	85	-	-	4	89
DREDGES:					
CLAM.	44	-	-	-	44
YARDS AT MOUTH. . . .	60	-	-	-	60
OYSTER, COMMON.	180	-	-	-	180
YARDS AT MOUTH. . . .	238	-	-	-	238
SCALLOP:					
BAY	317	-	-	-	317
YARDS AT MOUTH. . .	317	-	-	-	317
SEA	2	-	2	2	6
YARDS AT MOUTH. . .	7	-	5	5	17
TONGS AND GRABS:					
OYSTER.	269	114	57	24	464
OTHER	44	-	-	-	44
RAKES:					
OYSTER.	78	-	-	-	78
OTHER	226	10	-	14	250
HOOKS, SPONGE	-	-	-	41	41
DIVING OUTFITS.	-	-	-	1	1

NOTE:--THE OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA.

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	15,525	235	2,820	48	-	-
AMBERJACK	-	-	-	-	(1)	(1)
ANGLERFISH.	4	(1)	-	-	-	-
BLUEFISH.	872	102	24	2	-	-
BUTTERFISH.	107	8	-	-	-	-
CABIO	7	(1)	-	-	-	-
CARP.	229	6	-	-	-	-
CATFISH AND BULLHEADS . . .	1,684	237	1,430	184	66	12
CROAKER	1,201	60	-	-	-	-
DRUM:						
BLACK	23	2	(1)	(1)	1	(1)
RED	12	1	-	-	6	1
EEL, COMMON	24	1	122	15	2	(1)
FLOUNDERS	2,602	626	17	3	23	5
GROUPERS.	25	4	63	10	17	3
GRUNTS.	2	(1)	-	-	-	-
HARVESTFISH	70	8	-	-	-	-
HERRING, THREAD	2,724	35	-	-	-	-
HICKORY SHAD.	141	6	-	-	11	1
KING WHITING OR "KINGFISH".	635	68	300	25	123	15
MACKEREL:						
KING.	8	2	(1)	(1)	-	-
SPANISH	69	8	8	1	1	(1)
MENHADEN.	167,189	1,958	253	5	-	-
MULLET, BLACK (LISA). . . .	1,172	90	1,480	110	(1)	(1)
PIGFISH	123	10	-	-	-	-
POMPANO	6	2	2	1	(1)	(1)
SAND PERCH.	3	(1)	1	(1)	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SCUP OR PORGY	176	17	-	-	4	1
SEA BASS	1,193	194	204	32	12	2
SEA TROUT OR WEAKFISH:						
GRAY	2,286	106	1	(1)	(1)	(1)
SPOTTED	97	31	12	3	2	1
SHAD	842	128	110	21	569	139
SHARKS, UNCLASSIFIED	6	(1)	17	2	-	-
SHEEPSHEAD, SALT-WATER	4	(1)	-	-	(1)	(1)
SNAPPER, RED	42	16	37	15	18	7
SPADEFISH	2	(1)	-	-	-	-
SPOT	1,575	187	2,052	90	2	(1)
STRIPED BASS	1,912	385	-	-	1	(1)
STURGEON, COMMON	47	7	44	6	(1)	(1)
SUCKERS	-	-	-	-	5	(1)
SWELLFISH	307	8	-	-	-	-
WHITE PERCH	299	31	-	-	-	-
YELLOW PERCH	46	4	-	-	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	3,588	18	-	-	16	(1)
TOTAL FISH	206,879	4,601	8,997	575	879	187
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	19,170	1,834	3,862	295	3,669	298
SOFT AND PEELER	84	31	-	-	-	-
TOTAL CRABS	19,254	1,865	3,862	295	3,669	298
LOBSTERS:						
NORTHERN	30	13	-	-	-	-
SPINY	-	-	-	-	1,004	661
SHRIMP	4,615	2,357	6,334	3,686	8,536	4,929
CLAMS:						
HARD, PUBLIC	204	117	10	4	-	-
RANGIA	48	15	-	-	-	-
TOTAL CLAMS	252	132	10	4	-	-
OCTOPUS	1	(1)	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	185	114	-	-	-	-
FALL	167	122	-	-	-	-
PRIVATE:						
SPRING	32	20	1,424	664	134	74
FALL	18	13	696	386	57	33
TOTAL OYSTERS	402	269	2,120	1,050	191	107
SCALLOPS:						
BAY	639	422	-	-	-	-
CALICO	-	-	-	-	59	28
SEA	42	42	-	-	-	-
TOTAL SCALLOPS	681	464	-	-	59	28
SQUID	42	2	-	-	-	-
TURTLES, SNAPPER	19	3	-	-	-	-
TOTAL SHELLFISH, ETC.	25,296	5,105	12,326	5,035	13,459	6,023
GRAND TOTAL	232,175	9,706	21,323	5,610	14,338	6,210

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	18,345	283
AMBERJACK	26	2	26	2
ANGELFISH	5	(1)	5	(1)
ANGLERFISH	-	-	4	(1)
BALLYHOO	117	21	11	21
BLUEFISH	1,910	217	2,806	321
BLUE RUNNER	50	2	50	2
BONITO	6	(1)	6	(1)
BUTTERFISH	-	-	107	8
CABIO	9	1	16	1

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
CARP.	-	-	229	6
CATFISH AND BULLHEADS . . .	12,007	2,496	15,187	2,929
CREVALLE.	64	2	64	2
CROAKER	70	15	1,271	75
DOLPHIN	21	3	21	3
DRUM:				
BLACK	75	6	99	8
RED	167	25	185	27
EEL, COMMON	48	5	196	21
FLOUNDERS	128	24	2,770	658
GOATFISH.	41	5	41	5
GROUPERS.	655	118	760	135
GRUNTS.	25	2	27	2
HARVESTFISH	-	-	70	8
HERRING, THREAD	687	8	3,411	43
HICKORY SHAD.	-	-	152	7
HOGFISH	1	(1)	1	(1)
JEWFISH	51	6	51	6
KING WHITING OR "KINGFISH".	1,291	144	2,349	252
MACKEREL:				
KING.	2,586	503	2,594	505
SPANISH	4,406	382	4,484	391
MENHADEN.	23,940	237	191,382	2,200
MOJARRA	119	9	119	9
MULLET:				
BLACK (LISA).	2,283	157	4,935	357
SILVER.	294	28	294	28
PERMIT.	1	(1)	1	(1)
PIGFISH	15	1	138	11
POMPANO	587	413	595	416
SAND PERCH.	-	-	4	(1)
SCUP OR PORGY	77	10	257	28
SEA BASS.	69	12	1,478	240
SEA CATFISH	24	1	24	1
SEA TROUT OR WEAKFISH:				
GRAY.	219	22	2,506	128
SPOTTED	638	191	749	226
SHAD.	531	96	2,052	384
SHARKS, UNCLASSIFIED. . . .	80	2	103	4
SHEEPSHEAD, SALT-WATER. . .	117	10	121	10
SNAPPER:				
LANE.	9	1	9	1
MANGROVE.	105	26	105	26
MUTTON.	55	20	55	20
RED	946	409	1,043	447
VERMILION	33	13	33	13
YELLOWTAIL.	163	57	163	57
SPADEFISH	-	-	2	(1)
SPOT.	1,105	160	4,734	437
STRIPED BASS.	-	-	1,913	385
STURGEON, COMMON.	-	-	91	15
SUCKERS	-	-	5	(1)
SWELLFISH	-	-	307	8
TILEFISH.	4	1	4	1
TRIGGERFISH	3	(1)	3	(1)
TRIPLETAIL.	2	(1)	2	(1)
TUNA:				
SKIPJACK.	293	40	293	40
YELLOWFIN	251	40	251	40
WARSAW.	61	6	61	6
WHITE PERCH	-	-	299	31
YELLOW PERCH.	-	-	46	4
UNCLASSIFIED:				
FOR FOOD.	395	33	395	33
BAIT, REDUCTION, AND ANIMAL FOOD	439	7	4,043	25
TOTAL FISH.	57,304	5,989	274,059	11,352
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD.	6,615	567	33,316	2,994
SOFT AND PEELER	(1)	(1)	84	31
STONE	119	59	119	59
TOTAL CRABS	6,734	626	33,519	3,084

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

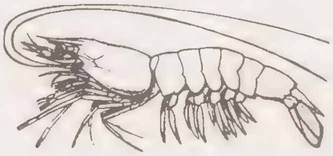
CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
LOBSTERS:				
NORTHERN	-	-	30	13
SPINY	2,234	1,580	3,238	2,241
SHRIMP	4,800	3,024	24,285	13,996
CLAMS:				
HARD, PUBLIC	27	14	241	135
RANGIA	-	-	48	15
TOTAL CLAMS	27	14	289	150
OCTOPUS	-	-	1	(1)
OYSTERS, MARKET:				
PUBLIC:				
SPRING	47	19	232	133
FALL	34	14	201	136
PRIVATE:				
SPRING	115	46	1,905	804
FALL	56	22	627	454
TOTAL OYSTERS	252	101	2,965	1,527
SCALLOPS:				
BAY	-	-	639	422
CALICO	30	13	89	41
SEA	-	-	42	42
TOTAL SCALLOPS	30	13	770	505
SQUID	4	1	46	3
TURTLES:				
GREEN	(1)	(1)	(1)	(1)
LOGGERHEAD	1	(1)	1	(1)
SNAPPER	-	-	19	3
SOFT-SHELL	202	16	202	16
TOTAL TURTLES	203	16	222	19
SPONGES:				
GRASS	3	4	3	4
SHEEPSWOOL	8	42	8	42
YELLOW	3	7	3	7
TOTAL SHELLFISH, ETC.	14,298	5,42[illegible]	65,379	21,591
GRAND TOTAL	1[illegible]02	11,41[illegible]	339,438	32,943

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE CATCH ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.



SOUTH ATLANTIC FISHERIES

CATCH OF CERTAIN SHELLFISH, 1968

(U.S. STANDARD BUSHELS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:						
HARD, PUBLIC.	23,269	$116,898	1,166	$3,659	-	-
RANGIA.	5,988	15,157	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	33,054	113,700	-	-	-	-
FALL.	40,534	122,343	-	-	-	-
PRIVATE:						
SPRING.	5,632	20,077	517,673	663,930	36,603	$73,550
FALL.	4,249	12,552	291,339	385,884	23,265	33,069
SCALLOPS:						
BAY	106,467	422,136	-	-	-	-
CALICO.	-	-	-	-	14,663	28,084
SEA	6,950	41,681	-	-	-	-

SPECIES	FLORIDA, EAST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:				
HARD, PUBLIC.	3,388	$13,574	27,823	$134,131
RANGIA.	-	-	5,988	15,157
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	10,705	18,858	43,759	132,558
FALL.	9,444	13,601	49,978	135,944
PRIVATE:				
SPRING.	26,068	45,501	585,976	803,058
FALL.	15,583	22,473	334,436	453,978
SCALLOPS:				
BAY	-	-	106,467	422,136
CALICO.	8,543	12,787	23,206	40,871
SEA	-	-	6,950	41,681

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1968

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

SPECIES	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CLAMS:				
HARD, PUBLIC.	8.75	8.75	-	8.00
RANGIA.	8.10	-	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	5.60	-	-	4.40
FALL.	4.12	-	-	3.60
PRIVATE:				
SPRING.	5.70	2.75	3.65	4.40
FALL.	4.33	2.39	2.45	3.60
SCALLOPS:				
BAY	6.00	-	-	-
CALICO.	-	-	4.01	3.50
SEA.	6.00	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1968

ITEM		NORTH CAROLINA		SOUTH CAROLINA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
FRESH AND FROZEN:					
FILLETS	POUNDS	(1)	(1)	-	-
BAIT	DO	(1)	(1)	(1)	(1)
CANNED:					
FISH	STANDARD CASES	5,936	$34,713	-	-
ROE	DO	2,513	36,990	-	-
SALTED	POUNDS	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
BLUEFISH, FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)	-	-
CATFISH, DRESSED, SKINS OFF, FROZEN	DO	(1)	(1)	(1)	(1)
EELS:					
DRESSED, SKINS OFF, FROZEN	DO	-	-	(1)	(1)
SALTED FOR BAIT	DO	(1)	(1)	-	-
FLOUNDER:					
DRESSED, FROZEN	DO	(1)	(1)	-	-
FILLETS:					
FRESH	DO	(1)	(1)	-	-
BREADED RAW, FROZEN	DO	(1)	(1)	-	-
SPECIALTIES, FROZEN (STUFFED)	DO	(1)	(1)	-	-
HERRING, THREAD:					
MEAL	TONS	285	39,900	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
SOLUBLES	TONS	(1)	(1)	-	-
MENHADEN:					
MEAL	DO	17,554	2,448,032	-	-
OIL	1,000 POUNDS	13,719	500,590	-	-
SOLUBLES	TONS	6,953	312,901	-	-
MULLET:					
FRESH, ROE	POUNDS	(1)	(1)	-	-
SALTED:					
FISH	DO	(1)	(1)	-	-
ROE	DO	(1)	(1)	-	-
SEA TROUT, DRESSED, FROZEN	DO	(1)	(1)	-	-
SPANISH MACKEREL:					
FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SALTED	DO	(1)	(1)	-	-
SPOT, SALTED	DO	(1)	(1)	-	-
STRIPED BASS FILLETS, FRESH	DO	(1)	(1)	-	-
CRABS, BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	2,227,486	4,019,257	255,086	$639,132
DEVILED	DO	82,112	97,081	-	-
SPECIALTIES (CAKES, SOFT SHELL, ETC.)	DO	20,224	17,357	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES (DEVILED, SOUP)	DO	-	-	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)	-	-
SHRIMP, FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	371,075	336,327	(1)	(1)
PEELED (INCLUDING DEVEINED) RAW	DO	-	-	(1)	(1)
BREADED RAW	DO	(1)	(1)	-	-
SPECIALTIES (CREOLES, COCKTAILS, DINNERS, STUFFED, ETC.)	DO	(1)	(1)	-	-
CLAMS, SHUCKED, FRESH:					
HARD	GALLONS	(1)	(1)	-	-
RANGIA	DO	(1)	(1)	-	-
OYSTERS:					
SHUCKED, FRESH	DO	59,708	453,084	118,024	898,716
BREADED RAW, FROZEN	POUNDS	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (STEWS))	DO	-	-	(1)	(1)
SCALLOPS:					
BAY:					
SHUCKED, FRESH	GALLONS	82,110	673,545	-	-
BREADED RAW, FROZEN	POUNDS	(1)	(1)	-	-
CALICO, SHUCKED, FRESH	GALLONS	(1)	(1)	-	-
TURTLE MEAT, FROZEN	POUNDS	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH	DO	4,187,241	1,599,024	2,574,623	2,265,074
CANNED	STANDARD CASES	(2)	(2)	(2)	(2)
CURED	POUNDS	514,404	110,131	-	-
INDUSTRIAL	-	-	156,216	-	-
TOTAL	-	-	10,840,148	-	3,802,922

SEE FOOTNOTES AT END OF THE TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH, SMOKED	POUNDS	-	-	(1)	(1)
CHUBS, SMOKED	DO	-	-	(1)	(1)
COD FILLETS, BREADED RAW, FROZEN	DO	(1)	(1)	-	-
FLOUNDER, SPECIALTIES, FROZEN (STUFFED)	DO	-	-	(1)	(1)
GROUPER FILLETS:					
FROZEN	DO	-	-	238,030	$173,996
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
HERRING:					
SEA, SALTED	DO	-	-	(1)	(1)
THREAD:					
MEAL	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
KING MACKEREL:					
FILLETS, FROZEN	POUNDS	-	-	(1)	(1)
STEAKS, FROZEN	DO	-	-	(1)	(1)
CANNED (PASTE)	STANDARD CASES	-	-	(1)	(1)
SMOKED	POUNDS	-	-	(1)	(1)
MENHADEN:					
MEAL	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
MULLET, CANNED	STANDARD CASES	-	-	(1)	(1)
OCEAN PERCH FILLETS, BREADED RAW, FROZEN	POUNDS	(1)	(1)	-	-
POMPANO FILLETS, FROZEN	DO	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	-	-	(1)	(1)
SALMON, SMOKED	DO	-	-	(1)	(1)
SHARK:					
FINS	-	-	-	-	(1)
LEATHER	-	-	-	-	(1)
SNAPPER, RED, FILLETS, FROZEN	POUNDS	-	-	318,295	351,082
SPANISH MACKEREL, FILLETS:					
FRESH AND FROZEN	DO	-	-	1,122,540	554,692
IN SAUCES	DO	-	-	(1)	(1)
STURGEON, SMOKED	DO	-	-	(1)	(1)
TUNA, CANNED:					
ALBACORE	STANDARD CASES	-	-	(1)	(1)
LIGHT MEAT	DO	-	-	(1)	(1)
TUNALIKE, CANNED (BONITO)	DO	-	-	(1)	(1)
WHITEFISH, SMOKED	POUNDS	-	-	(1)	(1)
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	586,596	$1,067,314	882,374	1,766,651
DEVILED	DO	305,385	351,406	(1)	(1)
SPECIALTIES (CAKES, SOFT SHELL, ETC.)	DO	(1)	(1)	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)	(1)	(1)
STONE, CLAWS, COOKED, FROZEN	POUNDS	-	-	(1)	(1)
LOBSTERS, SPINY, FRESH AND FROZEN:					
COOKED:					
MEAT	DO	-	-	(1)	(1)
WHOLE	DO	-	-	1,654,389	1,717,816
TAILS, RAW	DO	(1)	(1)	814,734	1,756,308
SHRIMP, FRESH AND FROZEN:					
RAW, HEADLESS	DO	955,169	1,114,812	1,031,360	1,178,440
PEELED (INCLUDING DEVEINED):					
RAW	DO	4,286,820	6,851,717	(1)	(1)
COOKED	DO	(1)	(1)	(1)	(1)
BREADED, RAW	DO	18,445,151	18,865,194	11,095,873	11,996,111
SPECIALTIES (CREOLES, COCKTAILS, DINNERS, STUFFED, ETC.)	DO	(1)	(1)	471,745	590,481
CLAMS, SHUCKED, FRESH, HARD	GALLONS	-	-	(1)	(1)
OYSTERS:					
SHUCKED, FRESH	DO	19,517	151,256	19,258	147,308
BREADED RAW, FROZEN	POUNDS	701,656	907,429	266,467	319,506
SHELL, GRIT AND LIME	TONS	-	-	(1)	(1)
SCALLOPS:					
CALICO:					
SHUCKED, FRESH	GALLONS	(1)	(1)	-	-
BREADED, RAW AND COOKED, FROZEN	POUNDS	(1)	(1)	-	-
SEA, BREADED RAW, FROZEN	DO	-	-	282,378	361,028

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH	POUNDS	13,117,262	$8,568,234	2,984,673	$2,799,002
CANNED.	STANDARD CASES	-	-	(2)	(2)
CURED	POUNDS	-	-	(2)	(2)
INDUSTRIAL.	-	-	(2)	-	2,122,927
TOTAL	-	-	37,877,362	-	25,835,348

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	10,814
FROZEN.	57,653
CANNED.	2,918
CURED	1,376
INDUSTRIAL.	5,594
TOTAL	78,355

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
NORTH CAROLINA.	10,840
SOUTH CAROLINA.	3,803
GEORGIA	37,877
FLORIDA, EAST COAST	25,835
TOTAL	78,355

WHOLESALING AND PROCESSING, 1968

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA EAST COAST	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS.	165	77	52	138	432
PERSONS ENGAGED:					
AVERAGE FOR SEASON.	2,741	791	2,326	1,757	7,615
AVERAGE FOR YEAR.	1,509	538	1,809	1,501	5,357

SOUTH ATLANTIC FISHERIES

NORTH CAROLINA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES		PURSE SEINES		BAG NETS	OTTER TRAWLS	
	COMMON	LONG	MENHADEN	OTHER		CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	26	827	-	4	243	327
ON BOATS AND SHORE:							
REGULAR	108	86	-	5	83	137	8
CASUAL	202	96	-	-	25	46	42
TOTAL	310	208	827	5	112	426	377
VESSELS, MOTOR	-	9	49	-	2	123	115
GROSS TONNAGE	-	70	12,680	-	14	2,301	5,227
BOATS:							
MOTOR	59	71	98	2	108	145	50
OTHER	21	73	-	-	-	-	-
GEAR:							
NUMBER	79	40	49	1	110	343	196
LENGTH, YARDS	28,776	55,650	19,600	300	2,790	-	-
YARDS AT MOUTH	-	-	-	-	-	4,538	3,927

ITEM	OTTER TRAWLS - CONTINUED	POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS			GILL NETS
	SHRIMP			CRAB	EEL	FISH	ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	614	-	-	22	-	61	19
ON BOATS AND SHORE:							
REGULAR	263	117	3	200	4	20	177
CASUAL	249	154	12	139	7	40	369
TOTAL	1,126	271	15	361	11	121	565
VESSELS, MOTOR	277	-	-	14	-	32	8
GROSS TONNAGE	7,313	-	-	102	-	452	65
BOATS, MOTOR	402	212	12	339	11	60	534
GEAR:							
NUMBER	882	835	80	24,380	284	2,368	2,284
SQUARE YARDS	-	-	-	-	-	-	1,480,155
YARDS AT MOUTH	12,583	-	-	-	-	-	-

ITEM	GILL NETS - CONTINUED			LINES			
	DRIFT		RUNAROUND	HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS
	SHAD	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	9	-	-	6
ON BOATS AND SHORE:							
REGULAR	-	1	65	9	4	16	87
CASUAL	7	3	59	16	6	13	62
TOTAL	7	4	124	34	10	29	155
VESSELS, MOTOR	-	-	-	1	-	-	6
GROSS TONNAGE	-	-	-	67	-	-	35
BOATS, MOTOR	7	4	67	15	9	28	148
GEAR:							
NUMBER	7	4	67	743	18	112	154
SQUARE YARDS	775	1,350	57,675	-	-	-	-
HOOKS OR BAITS	-	-	-	840	18	11,200	112,800

ITEM	DIP NETS, COMMON	SPEARS	DREDGES				TONGS AND GRABS
			CLAM	OYSTER, COMMON	SCALLOP		OYSTER
					BAY	SEA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	4	51	-	10	-
ON BOATS AND SHORE:							
REGULAR	-	15	42	101	106	-	150
CASUAL	14	70	-	48	75	-	119
TOTAL	14	85	46	200	181	10	269

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	DIP NETS, COMMON	SPEARS	DREDGES				TONGS AND GRABS
			CLAM	OYSTER, COMMON	SCALLOP		OYSTER
					BAY	SEA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR.	-	-	3	32	-	1	-
GROSS TONNAGE	-	-	19	270	-	158	-
BOATS, MOTOR.	10	85	41	137	166	-	269
GEAR:							
NUMBER.	14	85	44	180	317	2	269
YARDS AT MOUTH.	-	-	60	238	317	7	-

ITEM	TONGS AND GRABS - CONTINUED	RAKES		BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	-	-	-	1,642
ON BOATS AND SHORE:					
REGULAR	2	25	45	45	1,288
CASUAL.	42	57	181	119	1,415
TOTAL	44	82	226	164	4,345
VESSELS, MOTOR.	-	-	-	-	398
GROSS TONNAGE	-	-	-	-	22,395
BOATS:					
MOTOR	44	82	226	156	2,516
OTHER	-	-	8	-	102
GEAR, NUMBER.	44	78	226	-	-

NORTH CAROLINA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES				PURSE SEINES	
	COMMON		LONG		MENHADEN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	778,600	$11,681	76,100	$956	-	-
BLUEFISH.	285,400	24,111	506,200	67,412	-	-
BUTTERFISH.	900	90	18,900	1,750	-	-
CABIO	-	-	6,600	285	-	-
CARP.	106,000	4,599	-	-	-	-
CATFISH AND BULLHEADS . . .	33,900	5,334	700	95	-	-
CROAKER	300	13	178,100	13,799	-	-
DRUM:						
BLACK	200	12	9,400	723	-	-
RED	600	29	7,400	435	-	-
FLOUNDERS	200	51	50,900	11,774	-	-
HARVESTFISH	-	-	6,900	738	-	-
HERRING, THREAD	-	-	-	-	2,723,600	$35,405
KING WHITING OR "KINGFISH".	91,900	13,521	15,500	1,699	-	-
MACKEREL, SPANISH	500	72	28,900	3,199	-	-
MENHADEN.	-	-	20,000	160	167,022,300	1,956,228
MULLET, BLACK (LISA). . . .	641,600	42,703	15,600	1,719	-	-
PIGFISH	100	4	90,800	7,957	-	-
POMPANO	100	32	5,800	2,323	-	-
SEA TROUT OR WEAKFISH:						
GRAY.	7,300	889	154,400	16,760	-	-
SPOTTED	4,800	1,193	27,200	9,194	-	-
SHAD.	-	-	22,300	1,390	-	-
SHARKS, UNCLASSIFIED. . . .	-	-	3,100	216	-	-
SHEEPSHEAD, SALT-WATER. . .	-	-	2,000	137	-	-
SPADEFISH	-	-	1,600	93	-	-
SPOT.	179,000	23,568	988,800	125,438	-	-
STRIPED BASS.	435,400	83,518	25,300	4,954	-	-
STURGEON, COMMON.	300	47	200	20	-	-
WHITE PERCH	15,400	2,266	4,200	410	-	-
YELLOW PERCH.	4,600	520	2,500	160	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD. . .	-	-	648,500	3,247	-	-
TOTAL	2,587,100	214,253	2,917,900	277,043	169,745,900	1,991,633

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - CATCH BY GEAR, 1968 - Continued

SPECIES	PURSE SEINES - CONTINUED		BAG NETS		OTTER TRAWLS	
	OTHER				CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH	-	-	100	$10	-	-
CROAKER	-	-	-	-	200	$22
DRUM, BLACK	-	-	-	-	1,200	90
FLOUNDERS	-	-	-	-	71,000	15,023
HARVESTFISH	-	-	-	-	100	11
KING WHITING OR "KINGFISH"	-	-	-	-	800	75
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	1,200	113
SHEEPSHEAD, SALT-WATER	-	-	-	-	100	10
SPOT	-	-	-	-	100	6
STRIPED BASS	24,600	$5,408	-	-	-	-
STURGEON, COMMON	-	-	-	-	100	8
WHITE PERCH	1,000	170	-	-	-	-
CRABS, BLUE:						
HARD	-	-	27,400	2,955	7,097,400	713,073
SOFT AND PEELER	-	-	-	-	60,900	23,018
SHRIMP	-	-	330,900	148,991	-	-
SQUID	-	-	-	-	100	3
TOTAL	25,600	5,578	358,400	151,956	7,233,200	751,452

SPECIES	OTTER TRAWLS - CONTINUED				POUND NETS, FISH	
	FISH		SHRIMP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	13,597,800	$204,833
ANGLERFISH	4,000	$237	-	-	-	-
BLUEFISH	10,600	1,466	2,000	$189	2,700	229
BUTTERFISH	56,100	3,236	4,800	461	22,000	2,185
CARP	-	-	-	-	26,700	302
CATFISH AND BULLHEADS	-	-	-	-	559,800	75,817
CROAKER	921,900	38,843	25,900	1,740	20,000	1,431
DRUM:						
BLACK	1,100	52	600	38	3,700	211
RED	-	-	-	-	2,200	194
EEL, COMMON	-	-	-	-	2,300	92
FLOUNDERS	1,838,200	442,197	228,500	45,261	277,700	73,700
HARVESTFISH	1,600	201	200	18	60,500	6,509
HICKORY SHAD	-	-	-	-	31,200	1,042
KING WHITING OR "KINGFISH"	410,900	40,304	106,100	11,155	5,900	617
MACKEREL, SPANISH	-	-	400	44	25,600	2,663
MENHADEN	-	-	-	-	81,500	815
MULLET, BLACK (LISA)	-	-	-	-	15,000	1,149
PIGFISH	21,100	1,404	2,100	191	300	22
POMPANO	-	-	-	-	100	18
SAND PERCH	3,400	133	-	-	100	5
SCUP OR PORGY	170,600	16,801	-	-	-	-
SEA BASS	625,900	100,061	600	89	-	-
SEA TROUT OR WEAKFISH:						
GRAY	1,963,000	71,962	50,500	4,050	68,100	8,371
SPOTTED	1,200	316	2,300	598	900	221
SHAD	-	-	-	-	198,900	24,353
SHARKS, UNCLASSIFIED	1,900	105	-	-	300	20
SHEEPSHEAD, SALT-WATER	1,200	75	300	22	-	-
SPOT	180,800	13,419	132,200	13,231	10,300	1,041
STRIPED BASS	30,200	6,028	-	-	92,600	15,311
STURGEON, COMMON	5,900	652	-	-	1,200	129
SWELLFISH	292,600	7,062	-	-	1,900	109
WHITE PERCH	-	-	-	-	142,100	9,839
YELLOW PERCH	-	-	-	-	11,700	1,067
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	2,533,600	12,674	406,200	2,033	-	-
CRABS, BLUE:						
HARD	-	-	1,260,100	115,274	-	-
SOFT AND PEELER	-	-	22,600	8,335	-	-
LOBSTER, NORTHERN	29,900	13,383	-	-	-	-
SHRIMP	-	-	4,284,500	2,207,768	-	-
SQUID	40,400	1,918	1,600	165	-	-
TOTAL	9,146,100	772,529	6,531,500	2,410,662	15,263,100	432,295

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
			CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	7,000	$260	-	-	-	-
CATFISH AND BULLHEADS	14,800	2,116	-	-	-	-
EEL, COMMON	-	-	-	-	14,600	$608

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - CATCH BY GEAR, 1968 - Continued

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
			CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHAD.	300	$30	-	-	-	-
STRIPED BASS	800	156	-	-	-	-
WHITE PERCH	3,600	504	-	-	-	-
YELLOW PERCH.	3,000	360	-	-	-	-
CRABS, BLUE, HARD..	-	-	7,820,100	$728,146	-	-
TOTAL	29,500	3,426	7,820,100	728,146	14,100	$608

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	FISH		ANCHOR, SET OR STAKE		DRIFT	
					SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	914,100	$14,338	-	-
BLUEFISH.	-	-	65,000	8,222	-	-
BUTTERFISH.	-	-	3,800	372	-	-
CABIO	-	-	700	20	-	-
CARP.	-	-	89,400	1,284	-	-
CATFISH AND BULLHEADS . . .	372,100	$52,232	399,200	56,822	1,200	$143
CROAKER	-	-	49,400	3,591	-	-
DRUM:						
BLACK	-	-	6,800	640	100	3
RED	-	-	1,800	164	-	-
EEL, COMMON	7,300	328	-	-	-	-
FLOUNDERS	-	-	82,000	21,406	-	-
GROUPERS.	300	29	-	-	-	-
GRUNTS.	1,600	120	-	-	-	-
HARVESTFISH	-	-	1,000	118	-	-
HICKORY SHAD.	-	-	109,900	5,280	-	-
KING WHITING OR "KINGFISH".	-	-	3,700	486	-	-
MACKEREL, SPANISH	-	-	13,100	1,478	-	-
MENHADEN.	-	-	65,300	662	-	-
MULLET, BLACK (LISA). . . .	-	-	164,700	14,205	500	39
PIGFISH	1,100	121	7,200	637	-	-
POMPANO	-	-	200	75	-	-
SCUP OR PORGY	5,200	347	-	-	-	-
SEA BASS.	560,100	93,038	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY.	-	-	38,900	3,704	-	-
SPOTTED	-	-	48,100	15,720	-	-
SHAD.	-	-	608,000	98,867	12,300	2,854
SHARKS, UNCLASSIFIED. . . .	-	-	300	16	-	-
SPOT.	-	-	77,100	9,872	-	-
STRIPED BASS.	-	-	1,302,500	269,574	200	50
STURGEON, COMMON.	-	-	39,400	6,116	-	-
SWELLFISH	6,300	189	6,400	128	-	-
WHITE PERCH	-	-	131,600	17,365	-	-
YELLOW PERCH.	-	-	23,500	2,194	-	-
OCTOPUS	700	74	-	-	-	-
TOTAL	954,700	146,478	4,253,100	553,356	14,300	3,089

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED		RUNAROUND		HAND	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	85,000	$1,451	-	-	-	-
CATFISH AND BULLHEADS . . .	4,100	537	-	-	42,500	$6,093
CROAKER	-	-	5,000	$416	-	-
DRUM:						
BLACK	-	-	300	20	-	-
RED	-	-	200	18	-	-
GROUPER	-	-	-	-	24,700	4,238
HICKORY SHAD.	-	-	400	21	-	-
MULLET, BLACK (LISA). . . .	-	-	334,200	29,803	-	-
SCUP OR PORGY	-	-	-	-	500	75
SEA BASS.	-	-	-	-	6,300	986
SEA TROUT OR WEAKFISH:						
GRAY.	-	-	2,300	338	100	20
SPOTTED	-	-	12,800	4,072	200	75
SHAD.	600	94	-	-	-	-
SNAPPER, RED.	-	-	-	-	42,400	15,582
SPOT.	-	-	6,700	794	-	-
STRIPED BASS.	100	14	100	11	-	-
TURTLES, SNAPPER.	-	-	-	-	18,700	2,811
TOTAL	89,800	2,096	362,000	35,493	135,400	[illegible]

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - CATCH BY GEAR, 1968 - Continued

SPECIES	LINES - CONTINUED					
	TROLL		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	100	$11	-	-	-	-
CATFISH AND BULLHEADS	-	-	255,700	$37,295	-	-
MACKEREL:						
KING	7,500	1,789	-	-	-	-
SPANISH	300	34	-	-	-	-
STRIPED BASS	100	18	-	-	-	-
WHITE PERCH	-	-	900	166	-	-
YELLOW PERCH	-	-	200	28	-	-
CRABS, BLUE, HARD	-	-	-	-	2,964,800	$274,091
TURTLES, SNAPPER	-	-	200	22	-	-
TOTAL	8,000	1,852	257,000	37,511	2,964,800	274,091

SPECIES	DIP NETS, COMMON		SPEARS		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	73,500	$1,410	-	-	-	-
FLOUNDERS	-	-	53,900	$16,421	-	-
CRABS, BLUE, SOFT AND PEELER	100	35	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	-	-	50,200	$30,548
RANGIA	-	-	-	-	48,500	15,157
SCALLOPS, BAY	1,300	1,279	-	-	-	-
TOTAL	74,900	2,[illegible]24	53,900	16,421	98,700	45,705

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING	59,500	$39,010	-	-	-	-
FALL	45,800	33,494	-	-	-	-
PRIVATE, SPRING	8,800	5,699	-	-	-	-
SCALLOPS:						
BAY	-	-	637,500	$420,857	-	-
SEA	-	-	-	-	41,700	$41,681
TOTAL	114,100	78,203	637,500	420,857	41,700	41,681

SPECIES	TONGS AND GRABS				RAKES	
	OYSTER		OTHER		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	25,200	$14,513	41,500	$23,006	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	74,100	44,571	-	-	10,100	$6,577
FALL	72,500	53,408	-	-	12,100	9,525
PRIVATE:						
SPRING	10,800	6,444	-	-	8,400	5,166
FALL	11,600	7,951	-	-	1,500	906
TOTAL	194,200	126,887	41,500	23,006	32,100	22,174

SPECIES	RAKES - CONTINUED		BY HAND, OYSTER	
	OTHER			
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	86,700	$48,831	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	-	41,400	$23,542
FALL	4,500	3,869	32,100	22,047
PRIVATE:				
SPRING	-	-	4,100	2,768
FALL	-	-	5,300	3,695
TOTAL	91,200	52,700	82,900	52,052

SOUTH ATLANTIC FISHERIES

SOUTH CAROLINA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS		GILL NETS
		CRAB	SHRIMP	CRAB	FISH	ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	14	587	-	22	-
ON BOATS AND SHORE:						
REGULAR	-	5	12	57	70	-
CASUAL.	173	5	34	67	53	51
TOTAL	173	24	633	124	145	51
VESSELS, MOTOR.	-	7	280	-	11	-
GROSS TONNAGE	-	166	8,514	-	334	-
BOATS:						
MOTOR	12	10	23	124	46	43
OTHER	7	-	-	-	-	-
GEAR:						
NUMBER.	19	23	568	7,440	1,510	43
LENGTH, YARDS	3,680	-	-	-	-	-
SQUARE YARDS.	-	-	-	-	-	16,249
YARDS AT MOUTH.	-	403	10,297	-	-	-

ITEM	GILL NETS - CONTINUED	LINES		DIP NETS, DROP	CAST NETS	TONGS AND GRABS, OYSTER
	DRIFT, SHAD	HAND	TROT WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	8	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	-	-	4	70	-	57
CASUAL.	42	13	-	35	3	57
TOTAL	42	21	4	105	3	114
VESSELS, MOTOR.	-	4	-	-	-	-
GROSS TONNAGE	-	132	-	-	-	-
BOATS, MOTOR.	42	10	4	37	3	114
GEAR:						
NUMBER.	42	37	4	104	3	114
SQUARE YARDS.	5,418	-	-	-	-	-
HOOKS OR BAITS.	-	74	2,888	-	-	-

ITEM	RAKES	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	-	597
ON BOATS AND SHORE:				
REGULAR	-	105	-	294
CASUAL.	10	74	7	514
TOTAL	10	179	7	1,405
VESSELS, MOTOR.	-	-	-	285
GROSS TONNAGE	-	-	-	8,679
BOATS:				
MOTOR	10	179	7	552
OTHER	-	-	-	7
GEAR, NUMBER.	10	-	-	-

SOUTH CAROLINA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			CRAB		SHRIMP	
	POUNDS	VALUE	POUNDS	VALJE	POUNDS	VALUE
BLUEFISH	23,600	$2,208	-	-	300	$42
CATFISH AND BULLHEADS	200	28	-	-	-	-
DRUM, BLACK	100	9	-	-	-	-
FLOUNDERS	100	20	-	-	17,200	3,423
GROUPERS	-	-	-	-	27,400	4,131
KING WHITING OR "KINGFISH"	180,900	14,374	-	-	118,600	10,142
MACKEREL:						
KING	-	-	-	-	300	39
SPANISH	6,000	845	-	-	2,200	271
MENHADEN	252,600	5,052	-	-	-	-
MULLET, BLACK (LISA)	1,479,700	109,738	-	-	-	-
POMPANO	1,000	199	-	-	1,100	345
SCUP OR PORGY	-	-	-	-	600	29
SEA BASS	-	-	-	-	500	90
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	600	31
SPOTTED	11,800	3,148	-	-	-	-
SHARKS, UNCLASSIFIED	400	41	-	-	16,100	1,616
SPOT	2,041,000	89,820	-	-	11,500	531
CRABS, BLUE, HARD	-	-	143,700	$7,346	-	-
SHRIMP	46,600	11,856	-	-	6,248,500	3,663,697
TOTAL	4,044,000	237,338	143,700	7,346	6,444,900	3,684,387

SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB		FISH		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	-	-	1,429,600	$183,292	-	-
EEL, COMMON	-	-	121,600	14,990	-	-
SEA BASS	-	-	171,500	27,192	-	-
SHAD	-	-	-	-	46,100	$9,778
STURGEON, COMMON	-	-	-	-	44,200	7,958
CRABS, BLUE, HARD	3,556,800	$275,182	-	-	-	-
TOTAL	3,556,800	275,182	1,722,700	225,474	90,300	17,736

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SHAD		HAND		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GROUPERS	-	-	36,000	$6,190	-	-
SEA BASS	-	-	32,400	4,705	-	-
SEA TROUT OR WEAKFISH,						
SPOTTED	-	-	100	42	-	-
SHAD	64,100	$11,051	-	-	-	-
SNAPPER, RED	-	-	36,900	15,215	-	-
CRABS, BLUE, HARD	-	-	-	-	161,700	$12,903
TOTAL	64,100	11,051	105,400	26,152	161,700	12,903

SPECIES	DIP NETS, DROP		CAST NETS		TONGS AND GRABS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,820,000	$48,350	-	-	-	-
SHRIMP	-	-	38,500	$10,684	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	-	-	536,400	$246,643
FALL	-	-	-	-	295,000	185,284
TOTAL	2,820,000	48,350	38,500	10,684	831,400	431,927

SPECIES	RAKES		BY HAND			
			OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	1,400	$529	-	-	8,800	$3,130
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	887,200	$417,287	-	-
FALL	-	-	401,300	200,600	-	-
TOTAL	1,400	529	1,288,500	617,887	8,800	3,130

GEORGIA

OPERATING UNITS BY GEAR, 1968

ITEM	OTTER TRAWLS			POTS AND TRAPS	
	CRAB	SCALLOP	SHRIMP	CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	68	2	734	-	-
ON BOATS AND SHORE:					
REGULAR	56	-	145	86	4
CASUAL	35	-	250	26	25
TOTAL	159	2	1,139	112	29
VESSELS, MOTOR	34	1	347	-	-
GROSS TONNAGE	1,137	83	14,286	-	-
BOATS, MOTOR	59	-	303	[illegible]	24
GEAR:					
NUMBER	127	1	[illegible]	5,320	211
YARDS AT MOUTH	2,081	10	[illegible]	-	-

ITEM	POTS AND TRAPS - CONTINUED	GILL NETS		LINES	
	LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT, SHAD	HAND	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	97	-	-	9	-
ON BOATS AND SHORE:					
REGULAR	-	10	[illegible]	-	[illegible]
CASUAL	-	32	14	11	40
TOTAL	97	42	203	20	[illegible]
VESSELS, MOTOR	42	-	-	4	-
GROSS TONNAGE	1,840	-	-	108	-
BOATS:					
MOTOR	-	29	165	11	43
OTHER	-	14	37	-	-
GEAR:					
NUMBER	8,700	29	255	41	163
SQUARE YARDS	-	17,406	109,575	-	-
HOOKS OR BAITS	-	-	-	82	15,700

ITEM	CAST NETS	DREDGES, SCALLOP, SEA	TONGS AND GRABS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	6	-	-	796
ON BOATS AND SHORE:					
REGULAR	-	-	41	33	278
CASUAL	1	-	16	22	411
TOTAL	1	6	57	55	1,485
VESSELS, MOTOR	-	1	-	-	391
GROSS TONNAGE	-	146	-	-	16,163
BOATS:					
MOTOR	1	-	57	45	529
OTHER	-	-	30	23	92
GEAR:					
NUMBER	1	2	57	-	-
YARDS AT MOUTH	-	5	-	-	-

GEORGIA - CATCH BY GEAR, 1968

SPECIES	OTTER TRAWLS					
	CRAB		SCALLOP		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DRUM:						
BLACK	-	-	-	-	100	$17
RED	-	-	-	-	1,600	325
FLOUNDERS	-	-	-	-	23,200	4,636
KING WHITING OR "KINGFISH"	-	-	-	-	123,400	14,705
MACKEREL, SPANISH	-	-	-	-	600	144
POMPANO	-	-	-	-	100	29
SEA BASS	-	-	-	-	800	143
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	500	100
SPOTTED	-	-	-	-	1,600	541
SHEEPSHEAD, SALT-WATER	-	-	-	-	100	12
SPOT	-	-	-	-	2,000	237
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	16,400	344
CRABS, BLUE, HARD	935,000	$60,850	-	-	504,800	39,173
SHRIMP	-	-	-	-	8,535,500	4,928,675
SCALLOPS, CALICO	-	-	5,600	$2,520	-	-
TOTAL	935,000	60,850	5,600	2,520	9,210,700	4,989,081

SPECIES	POTS AND TRAPS					
	CRAB		FISH		LOBSTER, SPINY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	-	-	8,800	$1,682	-	-
EEL, COMMON	-	-	1,400	166	-	-
GROUPERS	-	-	100	8	-	-
SCUP OR PORGY	-	-	100	16	-	-
SEA BASS	-	-	4,700	876	-	-
SNAPPER, RED	-	-	300	152	-	-
CRABS, BLUE, HARD	2,229,100	$198,130	-	-	-	-
LOBSTER, SPINY	-	-	-	-	1,004,200	$660,551
TOTAL	2,229,100	198,130	15,400	2,900	1,004,200	660,551

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT, SHAD		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	-	-	-	-	300	$32
DRUM:						
BLACK	-	-	-	-	500	75
RED	-	-	-	-	3,900	898
GROUPERS	-	-	-	-	17,100	2,690
HICKORY SHAD	600	$72	10,800	$1,336	-	-
SCUP OR PORGY	-	-	-	-	4,100	803
SEA BASS	-	-	-	-	6,500	1,287
SEA TROUT OR WEAKFISH, SPOTTED	-	-	-	-	100	11
SHAD	88,600	22,066	480,200	116,607	-	-
SNAPPER, RED	-	-	-	-	17,200	6,984
STRIPED BASS	-	-	600	173	-	-
STURGEON, COMMON	-	-	500	82	-	-
SUCKERS	2,600	182	1,900	149	-	-
TOTAL	91,800	22,320	494,000	118,347	49,700	12,780

SPECIES	LINES - CONTINUED		CAST NETS		DREDGES, SCALLOP, SEA	
	LONG OR SET WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	57,500	$10,705	-	-	-	-
EEL, COMMON	100	6	-	-	-	-
MULLET, BLACK (LISA)	-	-	200	$20	-	-
SUCKERS	500	40	-	-	-	-
SCALLOPS, CALICO	-	-	-	-	53,200	$25,564
TOTAL	58,100	10,751	200	20	53,200	25,564

SPECIES	TONGS AND GRABS, OYSTER		BY HAND, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PRIVATE:				
SPRING	121,800	$67,035	11,800	$6,515
FALL	43,800	25,395	13,200	7,674
TOTAL	165,600	92,430	25,000	14,189

SOUTH ATLANTIC FISHERIES

FLORIDA, EAST COAST

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH
		MENHADEN	TUNA	OTHER	SCALLOP	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	95	15	7	23	577	-	-
ON BOATS AND SHORE, REGULAR	80	-	-	8	-	35	7	19
TOTAL	80	95	15	15	23	612	7	19
VESSELS, MOTOR	-	6	1	3	7	275	-	-
GROSS TONNAGE	-	1,054	481	29	447	14,504	-	-
BOATS:								
MOTOR	21	12	-	3	-	18	7	19
OTHER	10	-	-	-	-	-	-	-
GEAR:								
NUMBER	21	6	1	6	7	565	17	500
LENGTH, YARDS	10,400	2,240	970	1,300	-	-	-	-
YARDS AT MOUTH	-	-	-	-	76	8,771	-	-

ITEM	POTS AND TRAPS					GILL NETS		
	CRABS		EEL	FISH	LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT	
	BLUE	OTHER					SHAD	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	6	-	-	367	-	-	-
ON BOATS AND SHORE:								
REGULAR	174	6	4	180	74	30	20	23
CASUAL	18	-	-	19	11	-	-	-
TOTAL	192	12	4	199	452	30	20	23
VESSELS, MOTOR	-	3	-	-	128	-	-	-
GROSS TONNAGE	-	35	-	-	2,675	-	-	-
BOATS, MOTOR	192	6	4	199	52	15	10	23
GEAR:								
NUMBER	28,175	2,500	120	11,660	69,890	40	10	23
SQUARE YARDS	-	-	-	-	-	25,800	11,450	17,700

ITEM	GILL NETS-CONTINUED	TRAMMEL NETS	LINES				DIP NETS, COMMON	SPEARS
	RUNAROUND		HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	55	2	210	42	5	-	-	-
ON BOATS AND SHORE:								
REGULAR	377	53	169	275	497	1	-	-
CASUAL	18	5	222	99	80	-	1	4
TOTAL	450	60	601	416	582	1	1	4
VESSELS, MOTOR	17	1	74	19	1	-	-	-
GROSS TONNAGE	210	8	2,080	240	60	-	-	-
BOATS, MOTOR	270	58	362	308	574	1	1	4
GEAR:								
NUMBER	287	59	623	677	641	1	1	4
SQUARE YARDS	645,550	62,700	-	-	-	-	-	-
HOOKS OR BAITS	-	-	1,204	677	1,004,070	750	-	-

ITEM	DREDGES, SCALLOP, SEA	TONGS AND GRABS, OYSTER	RAKES	HOOKS, SPONGE	DIVING OUTFITS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
						OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	6	-	-	-	-	-	-	1,247
ON BOATS AND SHORE:								
REGULAR	-	19	9	14	-	45	2	1,712
CASUAL	-	5	5	27	1	5	-	377
TOTAL	6	24	14	41	1	50	2	3,336
VESSELS, MOTOR	1	-	-	-	-	-	-	470
GROSS TONNAGE	41	-	-	-	-	-	-	19,913
BOATS:								
MOTOR	-	24	9	41	1	45	2	1,795
OTHER	-	-	-	-	-	-	-	10
GEAR:								
NUMBER	2	24	14	41	-	-	-	-
YARDS AT MOUTH	5	-	-	-	-	-	-	-

NOTE:--INCLUDES OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA.

FLORIDA, EAST COAST - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGELFISH	500	$17	-	-	-	-
BLUEFISH	144,400	15,807	-	-	-	-
BLUE RUNNER	1,500	35	-	-	-	-
CATFISH AND BULLHEADS	123,500	24,194	-	-	-	-
CREVALLE	19,900	553	-	-	-	-
CROAKER	21,100	4,566	-	-	-	-
DRUM:						
BLACK	8,000	647	-	-	-	-
RED	28,500	4,026	-	-	-	-
FLOUNDERS	4,200	838	-	-	-	-
GOATFISH	12,000	1,352	-	-	-	-
HERRING, THREAD	-	-	686,800	$7,460	-	-
KING WHITING OR "KINGFISH"	314,300	42,584	-	-	-	-
MACKEREL, SPANISH	22,000	2,101	-	-	-	-
MENHADEN	-	-	23,236,900	218,695	-	-
MOJARRA	40,600	2,857	-	-	-	-
MULLET, BLACK (LISA)	79,100	5,824	-	-	-	-
POMPANO	12,000	8,420	-	-	-	-
SEA CATFISH	11,000	475	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	37,700	3,897	-	-	-	-
SPOTTED	7,400	2,391	-	-	-	-
SHAD	212,000	32,652	-	-	-	-
SHEEPSHEAD, SALT-WATER	1,000	89	-	-	-	-
SPOT	46,400	6,637	-	-	-	-
TRIPLETAIL	400	24	-	-	-	-
TUNA:						
SKIPJACK	-	-	-	-	293,200	$39,582
YELLOWFIN	-	-	-	-	250,900	40,141
UNCLASSIFIED:						
FOR FOOD	15,400	1,168	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	327,700	4,532	-	-	-	-
TOTAL	1,490,600	165,686	23,923,700	226,155	544,100	79,723

SPECIES	PURSE SEINES - CONTINUED		OTTER TRAWLS			
	OTHER		SCALLOP		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BALLYHOO	117,200	$20,530	-	-	-	-
BLUEFISH	-	-	-	-	3,000	$336
CROAKER	-	-	-	-	2,000	341
DRUM, BLACK	-	-	-	-	500	50
FLOUNDERS	-	-	-	-	112,900	21,042
KING WHITING OR "KINGFISH"	-	-	-	-	849,800	84,373
MACKEREL, SPANISH	-	-	-	-	13,600	1,520
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	111,300	9,785
SPOTTED	-	-	-	-	1,000	387
SPOT	-	-	-	-	1,000	136
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	5,000	499
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	72,400	1,849
CRABS, BLUE, HARD	-	-	-	-	190,000	12,522
SHRIMP	-	-	-	-	4,799,900	3,024,215
SCALLOPS, CALICO	-	-	7,300	$3,178	-	-
SQUID	-	-	-	-	3,900	758
TURTLES, LOGGERHEAD	-	-	-	-	800	73
TOTAL	117,200	20,530	7,300	3,178	6,167,100	3,157,886

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAB	
					BLUE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	50,000	$9,795	724,200	$141,865	-	-
CRABS:						
BLUE:						
HARD	-	-	-	-	6,413,000	$553,769
SOFT AND PEELER	-	-	-	-	300	130
STONE	-	-	-	-	4,000	1,044
TOTAL	50,000	9,795	724,200	141,865	6,417,300	554,943

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - CATCH BY GEAR, 1968 - Continued

SPECIES	POTS AND TRAPS - CONTINUED					
	CRAB - CONTINUED		EEL		FISH	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . .	-	-	-	-	2,613,700	$539,902
EEL, COMMON	-	-	47,600	$4,753	-	-
CRABS:						
BLUE, HARD.	300	$30	-	-	-	-
STONE	114,200	57,986	-	-	-	-
TOTAL	114,500	58,016	47,600	4,753	2,613,700	539,902

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER, SPINY		ANCHOR, SET OR STAKE		DRIFT	
					SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	-	-	3,000	$298	-	-
SEA TROUT OR WEAKFISH, SPOTTED.	-	-	-	-	500	$193
SHAD.	-	-	191,900	43,176	127,300	19,919
CRABS, STONE.	100	$35	-	-	-	-
LOBSTER, SPINY.	2,232,900	1,579,386	-	-	-	-
TOTAL	2,233,000	1,579,421	194,900	43,474	127,800	20,112

SPECIES	GILL NETS - CONTINUED				TRAMMEL NETS	
	DRIFT - CONTINUED		RUNAROUND			
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGELFISH	-	-	4,200	$145	-	-
BLUEFISH.	-	-	1,556,700	177,773	-	-
BLUE RUNNER	-	-	4,100	87	-	-
CREVALLE.	-	-	14,000	332	-	-
CROAKER	-	-	34,000	6,969	2,000	$499
DRUM:						
BLACK	-	-	36,300	3,084	-	-
RED	-	-	107,600	16,535	3,000	472
FLOUNDERS	-	-	8,300	1,636	-	-
GOATFISH.	-	-	28,700	3,170	-	-
KING WHITING OR "KINGFISH".	-	-	80,500	11,800	4,500	669
MACKEREL:						
KING.	-	-	1,483,100	255,919	-	-
SPANISH	-	-	4,219,000	364,657	-	
MENHADEN.	-	-	703,100	17,774	-	-
MOJARRA	-	-	68,000	4,838	-	-
MULLET:						
BLACK (LISA).	-	-	2,188,500	150,492	15,000	1,014
SILVER.	-	-	294,400	28,029	-	-
PIGFISH	-	-	14,600	841	-	-
POMPANO	-	-	340,100	240,917	196,300	135,188
SEA CATFISH	-	-	12,500	711	-	-
SEA TROUT OR WEAKFISH:						
GRAY.	500	$60	48,200	6,000	2,500	340
SPOTTED	20,000	5,732	459,400	137,115	50,600	15,419
SHEEPSHEAD, SALT-WATER. . .	-	-	90,200	8,069	1,200	94
SPOT.	-	-	1,012,700	147,038	21,500	2,936
TRIPLETAIL.	-	-	1,100	60	-	-
UNCLASSIFIED:						
FOR FOOD.	-	-	266,000	21,912	4,000	284
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	38,900	981	-	-
TURTLES, GREEN.	-	-	100	10	-	-
TOTAL	20,500	5,792	13,114,300	1,606,894	300,600	156,914

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	22,900	$1,339	2,700	$216	-	-
BLUEFISH.	76,500	8,683	126,900	14,448	-	-
BLUE RUNNER	43,900	1,637	500	50	-	-
BONITO.	-	-	6,000	201	-	-
CABIO	1,900	164	6,800	646	-	-
CATFISH AND BULLHEADS . . .	100	12	-	-	8,495,700	$1,780,583

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - CATCH BY GEAR, 1968 - Continued

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CREVALLE	30,000	$925	-	-	-	-
CROAKER	10,900	2,145	-	-	-	-
DOLPHIN	1,000	172	19,900	$3,032	-	-
DRUM:						
BLACK	30,500	2,333	-	-	-	-
RED	27,900	4,372	-	-	-	-
FLOUNDERS	1,700	500	-	-	-	-
GOATFISH	600	64	-	-	-	-
GROUPERS	654,700	117,614	-	-	-	-
GRUNT	24,600	1,994	-	-	-	-
HOGFISH	800	219	-	-	-	-
JEWFISH	50,800	5,869	-	-	-	-
KING WHITING OR "KINGFISH"	41,500	4,955	-	-	-	-
MACKEREL:						
KING	22,000	5,140	1,081,100	242,049	-	-
SPANISH	56,100	5,351	95,800	8,805	-	-
MOJARRA	10,000	772	-	-	-	-
MULLET, BLACK (LISA)	700	48	-	-	-	-
PERMIT	700	61	-	-	-	-
PIGFISH	400	28	-	-	-	-
POMPANO	38,700	28,270	-	-	-	-
SCUP OR PORGY	77,300	10,135	-	-	-	-
SEA BASS	68,800	11,489	-	-	-	-
SEA CATFISH	700	31	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	15,000	1,865	3,700	484	-	-
SPOTTED	85,800	26,328	13,500	3,863	-	-
SHARKS, UNCLASSIFIED	-	-	-	-	80,300	$1,550
SHEEPSHEAD, SALT-WATER	24,700	2,111	-	-	-	-
SNAPPER:						
LANE	8,700	1,235	-	-	-	-
MANGROVE	105,200	25,769	-	-	-	-
MUTTON	55,000	20,048	-	-	-	-
RED	946,200	409,301	-	-	-	-
VERMILION	32,900	13,200	-	-	-	-
YELLOWTAIL	162,900	56,599	-	-	-	-
SPOT	23,000	3,310	-	-	-	-
TILEFISH	4,400	441	-	-	-	-
TRIGGERFISH	3,300	276	-	-	-	-
WARSAW	61,200	6,423	-	-	-	-
UNCLASSIFIED, FOR FOOD	104,400	9,552	-	-	-	-
TURTLES, SOFT-SHELL	-	-	-	-	202,300	16,184
TOTAL	2,928,400	790,780	1,356,900	273,794	8,778,300	1,798,317

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		SPEARS	
	TROT WITH BAITS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	-	-	1,000	$254
CRABS:						
BLUE, HARD	12,000	$960	-	-	-	-
STONE	-	-	100	$43	-	-
TOTAL	12,000	960	100	43	1,000	254

SPECIES	DREDGES, SCALLOP, SEA		TONGS AND GRABS, OYSTER		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	-	-	26,900	$13,466
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	16,700	$6,680	-	-
FALL	-	-	6,400	2,560	-	-
PRIVATE:						
SPRING	-	-	84,600	33,482	-	-
FALL	-	-	31,500	12,600	-	-
SCALLOPS, CALICO	22,600	$9,609	-	-	-	-
TOTAL	22,600	9,609	139,200	55,322	26,900	13,466

SPECIES	HOOKS, SPONGE		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
LOBSTER, SPINY	-	-	1,200	$1,000
SPONGES:				
GRASS	3,100	$4,424	-	-
SHEEPSWOOL	7,500	41,875	-	-
YELLOW	3,300	6,891	-	-
TOTAL	13,900	53,190	1,200	1,000

SEE NOTE AT END OF TABLE.

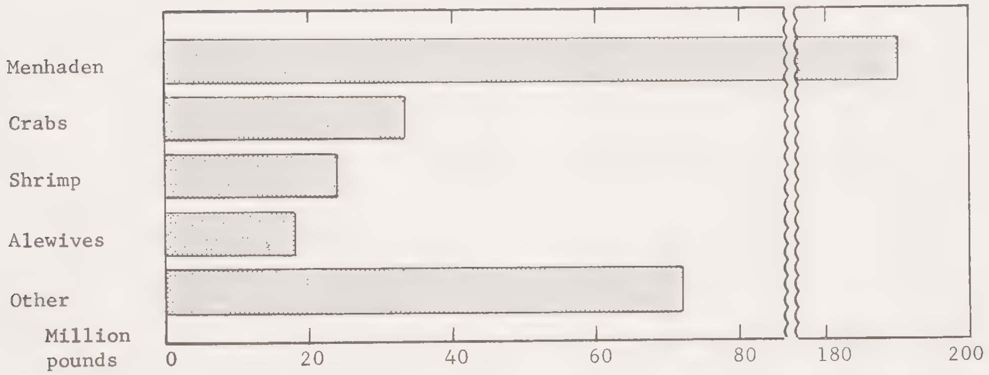
(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - CATCH BY GEAR, 1968 - Continued

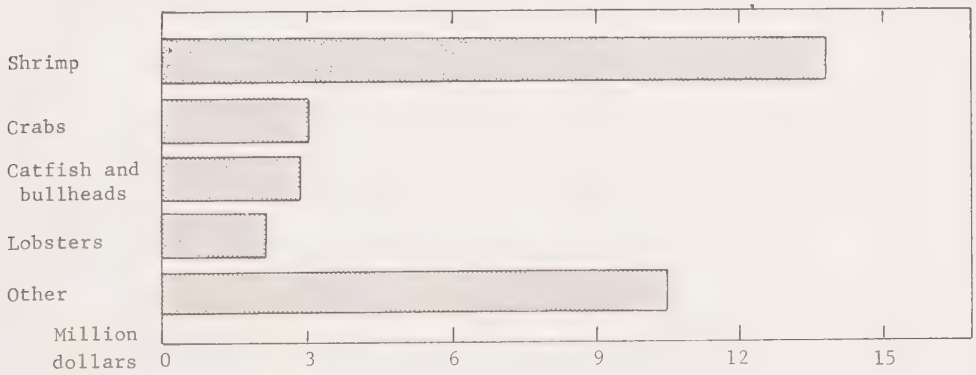
SPECIES	BY HAND			
	OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	200	$108
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	30,400	$12,178	-	-
FALL.	27,600	11,041	-	-
PRIVATE:				
SPRING.	30,100	12,019	-	-
FALL.	24,600	9,873	-	-
TOTAL	112,700	45,111	200	108

NOTE:--INCLUDES CATCH FOR THE INLAND LAKES OF FLORIDA.

SOUTH ATLANTIC STATES CATCH, 1968



VALUE OF SOUTH ATLANTIC STATES CATCH, 1968



SOUTH ATLANTIC FISHERIES

SUPPLEMENTARY TABLES

FLORIDA - OPERATING UNITS BY DISTRICT, 1968

ITEM	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	1,247	4,050	5,008
ON BOATS AND SHORE:			
REGULAR	1,712	2,251	3,963
CASUAL	377	1,018	1,395
TOTAL	3,336	7,319	10,366
VESSELS, MOTOR	470	1,394	1,735
GROSS TONNAGE	19,913	64,000	77,259
BOATS:			
MOTOR	1,795	2,606	4,401
OTHER	10	38	48
GEAR:			
HAUL SEINES, COMMON	21	84	105
LENGTH, YARDS	10,400	63,050	73,450
PURSE SEINES:			
HERRING (THREAD)	-	6	6
LENGTH, YARDS	-	5,052	5,052
MENHADEN	6	-	6
LENGTH, YARDS	2,240	-	2,240
TUNA	1	-	1
LENGTH, YARDS	970	-	970
OTHER	6	6	6
LENGTH, YARDS	1,300	1,700	2,300
OTTER TRAWLS:			
SCALLOP	7	-	7
YARDS AT MOUTH	76	-	76
SHRIMP	565	1,943	2,324
YARDS AT MOUTH	8,771	31,893	37,744
POUND NETS, FISH	17	-	17
FYKE AND HOOP NETS, FISH	500	-	500
POTS AND TRAPS:			
CRAB:			
BLUE	28,175	26,024	54,199
OTHER	2,500	55,870	58,370
EEL	120	25	145
FISH	11,660	800	12,460
LOBSTER, SPINY	69,890	98,500	116,440
GILL NETS:			
ANCHOR, SET OR STAKE	40	11	51
SQUARE YARDS	25,800	8,000	33,800
DRIFT:			
SHAD	10	-	10
SQUARE YARDS	11,450	-	11,450
OTHER	23	6	29
SQUARE YARDS	17,700	9,500	27,200
RUNAROUND	287	877	1,159
SQUARE YARDS	645,550	1,382,295	2,011,845
TRAMMEL NETS	59	305	364
SQUARE YARDS	62,700	377,706	440,406
LINES:			
HAND	623	2,124	2,730
HOOKS	1,204	8,343	9,513
TROLL	677	1,161	1,838
HOOKS	677	1,161	1,838
LONG OR SET WITH HOOKS	641	20	661
HOOKS	1,004,070	4,570	1,008,640
TROT WITH BAITS	1	-	1
BAITS	750	-	750
DIP NETS:			
COMMON	1	1	2
DROP	-	140	140
CAST NETS	-	5	5
SPEARS	4	53	57
DREDGES:			
CLAM	-	1	1
YARDS AT MOUTH	-	1	1
SCALLOP, BAY	-	116	116
YARDS AT MOUTH	-	116	116
SCALLOP, SEA	2	-	2
YARDS AT MOUTH	5	-	5
TONGS AND GRABS:			
OYSTER	24	756	780
OTHER	-	1	1
RAKES	14	-	14
HOOKS:			
SPONGE	41	28	69
OTHER	-	2	2
DIVING OUTFITS	-	13	13

NOTE:--A TOTAL OF 606 FISHERMEN USING 606 MOTOR BOATS FISHED 9,800 FISH POTS AND TRAPS AND 494 LONG OR SET LINES WITH 889,500 HOOKS IN THE INLAND LAKES OF FLORIDA. THESE OPERATING UNITS ARE INCLUDED WITH THOSE OF THE EAST COAST OF FLORIDA.

FLORIDA - CATCH BY DISTRICTS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	EAST COAST		WEST COAST		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	99	3	99	3
AMBERJACK	26	2	14	1	40	3
ANGELFISH	5	(1)	10	(1)	15	(1)
BALLYHOO	117	21	129	18	246	39
BARRACUDA	-	-	1	(1)	1	(1)
BLUEFISH	1,910	217	556	59	2,466	276
BLUE RUNNER	50	2	2,296	78	2,346	80
BONITO	6	(1)	6	(1)	12	(1)
CABIO	9	1	41	3	50	4
CATFISH AND BULLHEADS	12,007	2,496	21	4	12,028	2,500
CIGARFISH	-	-	521	66	521	66
CREVALLE	64	2	519	17	583	19
CROAKER	70	15	147	9	217	24
DOLPHIN	21	3	76	9	97	12
DRUM:						
BLACK	75	6	84	5	159	11
RED	167	25	707	107	874	132
EEL, COMMON	48	5	1	(1)	49	5
FLOUNDERS	128	24	223	48	351	72
GOATFISH	41	5	-	-	41	5
GROUPERS	655	118	6,176	1,051	6,831	1,169
GRUNTS	25	2	383	42	408	44
HERRING, THREAD	687	8	12,006	123	12,693	131
HOGFISH	1	(1)	29	5	30	5
JEWFISH	51	6	99	7	150	13
KING WHITING OR "KINGFISH"	1,291	144	350	20	1,641	164
MACKEREL:						
KING	2,586	503	3,604	464	6,190	967
SPANISH	4,406	382	7,066	797	11,472	1,179
MENHADEN	23,940	237	457	13	24,397	250
MOJARRA	119	9	192	17	311	26
MULLET:						
BLACK (LISA)	2,283	157	20,363	1,684	22,646	1,841
SILVER	294	28	1,040	72	1,334	100
PERMIT	1	(1)	14	2	15	2
PIGFISH	15	1	69	4	84	5
POMPANO	587	413	731	497	1,318	910
SCUP OR PORGY	77	10	57	7	134	17
SEA BASS	69	12	303	35	372	47
SEA CATFISH	24	1	160	12	184	13
SEA TROUT OR WEAKFISH:						
GRAY	219	22	-	-	219	22
SPOTTED	638	191	3,065	871	3,703	1,062
WHITE	-	-	111	10	111	10
SHAD	531	96	-	-	531	96
SHARKS, UNCLASSIFIED	80	2	(1)	(1)	80	2
SHEEPSHEAD, SALT-WATER	117	10	355	32	472	42
SNAPPER:						
LANE	9	1	10	2	19	3
MANGROVE	105	26	471	106	576	132
MUTTON	55	20	166	48	221	68
RED	946	409	4,308	1,757	5,254	2,166
VERMILION	33	13	124	39	157	52
YELLOWTAIL	163	57	1,025	344	1,188	401
SPANISH SARDINES	-	-	245	8	245	8
SPOT	1,105	160	311	28	1,416	188
STURGEON, COMMON	-	-	58	9	58	9
TENPOUNDER	-	-	801	30	801	30
TILEFISH	4	1	6	1	10	2
TRIGGERFISH	3	(1)	12	1	15	1
TRIPLETAIL	2	(1)	1	(1)	3	(1)
TUNA:						
SKIPJACK	293	40	-	-	293	40
YELLOWFIN	251	40	-	-	251	40
WARSAW	61	6	147	17	208	23
UNCLASSIFIED:						
FOR FOOD	395	33	1,436	124	1,831	157
BAIT, REDUCTION, AND ANIMAL FOOD	439	7	547	20	986	27
TOTAL FISH	57,304	5,989	71,749	8,726	129,053	14,715

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA - CATCH BY DISTRICTS, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	EAST COAST		WEST COAST		TOTAL	
SHELLFISH, ETC.	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD.	6,615	567	9,008	674	15,623	1,241
SOFT AND PEELER	(1)	(1)	-	-	(1)	(1)
STONE	119	59	1,285	601	1,404	660
TOTAL CRABS	6,734	626	10,293	1,275	17,027	1,901
LOBSTER, SPINY.	2,234	1,580	3,921	2,828	6,155	4,408
SHRIMP.	4,800	3,024	27,277	12,695	32,077	15,719
CLAMS:						
HARD, PUBLIC.	27	14	7	4	34	18
SUNRAY VENUS.	-	-	410	42	410	42
CONCHS.	-	-	2	(1)	2	(1)
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	47	19	2,842	933	2,889	952
FALL.	34	14	2,286	756	2,320	770
PRIVATE:						
SPRING.	115	46	110	37	225	83
FALL.	56	22	80	28	136	50
TOTAL OYSTERS	252	101	5,318	1,754	5,570	1,855
SCALLOPS:						
BAY	-	-	143	122	143	122
CALICO.	30	13	-	-	30	13
SQUID	4	1	66	7	70	8
TURTLES:						
GREEN	(1)	(1)	63	14	63	14
LOGGERHEAD.	1	(1)	2	(1)	3	(1)
SOFT-SHELL.	202	16	-	-	202	16
SPONGES:						
GRASS	3	4	1	2	4	6
SHEEPSWOOL.	8	42	35	328	43	370
YELLOW.	3	7	6	12	9	19
TOTAL SHELLFISH, ETC..	14,298	5,428	47,544	19,083	61,842	24,511
GRAND TOTAL.	71,602	11,417	119,293	27,809	190,895	39,226

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE CATCH OF 10,191,900 POUNDS OF CATFISH AND BULLHEADS (VALUED AT $2,140,299) AND 202,300 POUNDS OF SOFT-SHELL TURTLES (VALUED AT $16,184) TAKEN FROM THE INLAND LAKES IS INCLUDED WITH THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE, WHILE THE "WEST COAST OF FLORIDA" INCLUDES THOSE FROM MONROE TO ESCAMBIA, INCLUSIVE.

SOUTH ATLANTIC FISHERIES

SOUTH ATLANTIC SHRIMP FISHERY

Shrimp landings of 15.6 million pounds (heads-off) were worth a record $14.0 million--a gain of 2.5 million pounds (19 percent) and $5.0 million (55 percent) compared with 1967. The greater volume resulted mainly from an abundance of white shrimp in South Carolina and Georgia waters. The white shrimp harvest in South Carolina was 176 percent more than in 1967; in Georgia, it was 62 percent more. The marked increase in exvessel value was principally the result of a good market and upward price trend—the average price per pound for all species combined increased from 69 cents in 1967 to 90 cents in 1968. The exvessel value increased in all States.

Compared with 1967, the catch increased in two States: South Carolina with 4.1 million pounds (up 57 percent) and Georgia with 5.5 million pounds (up 29 percent). However, North Carolina landings (2.9 million pounds) declined 6 percent. Florida, East Coast landings (3.1 million pounds) remained about the same as in the previous year.

Landings of brown shrimp were 3.7 million pounds--1.3 million less than in 1967. They were 24 percent of the total catch--compared with 38 percent in the previous year. Pink shrimp landings (836,200 pounds) were 15 percent less than in 1967 and were only 5 percent of the total catch. Most of the pink shrimp were taken in North Carolina waters. Catches of white shrimp, the major species taken in the South Atlantic area, were 11 million pounds--an increase of 55 percent compared with the previous year. White shrimp were 71 percent of the total catch in 1968, but only 54 percent of the total in 1967. Landings of royal red shrimp were 45,500 pounds--a decline of 41 percent compared with 1967.

The quantities shown in the following tables are heads-off weight of the shrimp and, therefore, not directly comparable with the heads-on (live weight) quantities published in the General Review and regional tables. Pounds of heads-off shrimp may be converted to heads-on (round) weight by multiplying brown shrimp by 1.61, pink by 1.60, white by 1.54, and royal red by 1.80.

Information on the catch of shrimp in the South Atlantic States, by months for each State, has been published previously in Current Fishery Statistics No. 5132. Data on landings and value of shrimp by species and size for the Gulf States; number of fishing trips; and catch of shrimp in the Gulf by area, depth, size, and species are included in Section 6 of this digest.

SHRIMP TRAWLER

SUMMARY OF SOUTH ATLANTIC SHRIMP CATCH, 1968

SIZE	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15	538	$753	-	-	-	-
15 - 20	198,030	225,962	15,145	$17,331	140,895	$173,422
21 - 25	722,076	767,731	69,385	72,627	1,660,028	1,886,807
26 - 30	1,130,602	1,140,059	14,457	14,168	3,246,682	3,480,542
31 - 40	1,112,285	905,159	171,288	123,404	2,976,984	2,629,581
41 - 50	305,912	199,989	359,564	232,605	1,787,007	1,222,839
51 - 67	184,818	96,260	206,367	115,623	1,118,692	610,021
68 AND OVER	22,453	9,117	-	-	73,535	26,725
TOTAL	3,676,714	3,345,030	836,206	575,758	11,003,823	10,029,937

SIZE	ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
UNDER 15	-	-	538	$753
15 - 20	-	-	354,070	416,715
21 - 25	17,011	$19,236	2,468,500	2,746,401
26 - 30	1,460	1,572	4,393,201	4,636,341
31 - 40	8,427	8,039	4,268,984	3,666,183
41 - 50	18,585	16,249	2,471,068	1,671,682
51 - 67	-	-	1,509,877	821,904
68 AND OVER	-	-	95,988	35,842
TOTAL	45,483	45,096	15,562,226	13,995,821

SOUTH ATLANTIC SHRIMP CATCH, BY SPECIES AND SIZE, 1968

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20	174,947	$200,211	-	-	-	-
21 - 25	592,925	622,455	30,343	$33,457	61,750	$71,142
26 - 30	338,098	322,261	474,343	483,829	200,374	210,937
31 - 40	568,113	422,660	288,398	260,572	178,438	151,888
41 - 50	183,149	112,042	85,487	58,165	10,838	7,677
51 - 67	100,750	45,670	75,522	45,313	1,112	598
68 AND OVER	6,000	2,100	9,000	3,420	552	210
TOTAL	1,963,982	1,727,399	963,093	884,756	453,064	442,452
PINK:						
15 - 20	15,145	17,331	-	-	-	-
21 - 25	66,128	68,979	-	-	-	-
26 - 30	13,405	13,137	-	-	-	-
31 - 40	171,288	123,404	-	-	-	-
41 - 50	359,372	232,474	-	-	-	-
51 - 60	202,567	114,103	3,800	1,520	-	-
TOTAL	827,905	569,428	3,800	1,520	-	-
WHITE:						
15 - 20	-	-	-	-	1,815	2,305
21 - 25	-	-	299,686	357,262	354,287	426,484
26 - 30	6,500	6,340	1,193,920	1,323,915	1,233,526	1,345,835
31 - 40	45,067	33,924	585,175	531,027	1,967,050	1,736,377
41 - 50	32,242	19,668	326,579	217,772	1,084,580	746,913
51 - 67	-	-	648,876	352,648	406,662	221,206
68 AND OVER	-	-	47,766	17,272	20,905	7,103
TOTAL	83,809	59,932	3,102,002	2,799,896	5,068,825	4,486,223
GRAND TOTAL	2,875,696	2,356,759	4,068,895	3,686,172	5,521,889	4,928,675

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC SHRIMP CATCH, BY SPECIES AND SIZE, 1968 - Continued

SPECIES AND SIZE	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BROWN:				
UNDER 15.	538	$753	538	$753
15 - 20	23,083	25,751	198,030	225,962
21 - 25	37,058	40,677	722,076	767,731
26 - 30	117,787	123,032	1,130,602	1,140,059
31 - 40	77,336	70,039	1,112,285	905,159
41 - 50	26,438	22,105	305,912	199,989
51 - 67	7,434	4,679	184,818	96,260
68 AND OVER	6,901	3,387	22,453	9,117
TOTAL	296,575	290,423	3,676,714	3,345,030
PINK:				
15 - 20	-	-	15,145	17,331
21 - 25	3,257	3,648	69,385	72,627
26 - 30	1,052	1,031	14,457	14,168
31 - 40	-	-	171,288	123,404
41 - 50	192	131	359,564	232,605
51 - 67	-	-	206,367	115,623
TOTAL	4,501	4,810	836,206	575,758
WHITE:				
15 - 20	139,080	171,117	140,895	173,422
21 - 25	1,006,055	1,103,061	1,660,028	1,886,807
26 - 30	812,736	804,452	3,246,682	3,480,542
31 - 40	379,692	328,253	2,976,984	2,629,581
41 - 50	343,606	238,486	1,787,007	1,222,839
51 - 67	63,154	36,167	1,118,692	610,021
68 AND OVER	4,864	2,350	73,535	26,725
TOTAL	2,749,187	2,683,886	11,003,823	10,029,937
ROYAL RED:				
21 - 25	17,011	19,236	17,011	19,236
26 - 30	1,460	1,572	1,460	1,572
31 - 40	8,427	8,039	8,427	8,039
41 - 50	18,585	16,249	18,585	16,249
TOTAL	45,483	45,096	45,483	45,096
GRAND TOTAL	3,095,746	3,024,215	15,562,226	13,995,821

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, AND 1.80 FOR ROYAL RED. THE AREAS LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY *PENAEUS SETIFERUS*), BROWN SHRIMP (*PENAEUS AZTECUS*, AND IN SOME CASES *PENAEUS BRASILIENSIS*), PINK SHRIMP (*PENAEUS DUORARUM*), AND ROYAL RED (*HYMENOPENAEUS ROBUSTUS*). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SECTION 6 - GULF FISHERIES

The commercial landings of fish and shellfish at ports of the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) were 1.3 billion pounds worth a record $139.0 million--a gain of 108.1 million pounds and $11.6 million compared with 1967. Greater landings of menhaden and oysters were the principal reason for the gain in volume. Record exvessel prices received for shrimp during most of the year accounted largely for the increased value.

Compared with 1967, landings increased in all States except Mississippi, where the catch of 240.7 million pounds declined 8 percent. Landings increased 18 percent in Louisiana (754.5 million pounds); 7 percent in Texas (147.8 million); 4 percent in Florida, West Coast (119.3 million); and 1 percent in Alabama (26.7 million pounds).

Fishermen and vessels. The Gulf area had 25,470 commercial fishermen--453 less than in 1967. The entire decline occurred in the number of fishermen aboard boats (craft of 5 net tons or less) or working from shore. The number of fishermen on vessels increased from 12,671 in 1967 to 13,036 in 1968. The 4,237 vessels in the fleet were 269 more than in the previous year.

Weather. Three hurricanes reached the Gulf coast during the year but did only slight damage to the commercial fishing industry. Abby blew over southern Florida in early June, followed somewhat later by Candy in the area north of Aransas Pass, Tex., and by Gladys in the Tampa Bay, Fla., area in mid-October.

Shrimp. Landings of 204.0 million pounds (heads-on) were 10 percent less than in 1967. The smaller production resulted principally from a decline in the brown shrimp population in Louisiana and Texas waters. Compared with 1967, Louisiana catches (67.8 million pounds) declined 10 percent and Texas catches (83.3 million pounds) 19 percent. West Coast of Florida landings (27.3 million pounds) increased 16 percent; Alabama landings (15.4 million) increased 7 percent, and Mississippi landings (10.2 million pounds) 6 percent.

The exvessel value of the catch ($95.8 million) was 6 percent more than in 1967--principally because of record prices paid to fishermen during most of the year. The shrimp catch brought record values in both Alabama and Louisiana. The value of the catch in Alabama ($8.0 million) increased 32 percent; in Louisiana ($25.6 million), 4 percent; in Mississippi ($3.7 million), 18 percent; and in Florida, West Coast ($12.7 million), 21 percent. However, the value in Texas ($45.9 million) was 1 percent less than in 1967.

The inside and offshore waters extending from the mouth of the Mississippi River to the United States-Mexico border continued to be the most prolific shrimping area. The grounds supplied about 63 percent of the Gulf shrimp catch. The yield from these waters, however, was about 20.5 million pounds (heads-off) less than the record harvest of 101.5 million taken in 1967.

Catches from other shrimping grounds improved over 1967. The catch from Pensacola waters to the mouth of the Mississippi River reached a record 19.3 million pounds--1.1 million more than in 1967. Catches from the international waters off Mexico were 14.4 million pounds--compared with 10.2 million in 1967. Increased fishing effort accounted largely for the greater harvest. Landings along the northwest coast of Florida were 3.6 million pounds--nearly double the 1967 production. The catch from the Sanibel-Tortugas grounds (9.7 million pounds) was about the same as in the previous year.

Brown shrimp predominated in the landings and accounted for 62 percent of the total--compared with 71 percent in 1967. White shrimp increased from 18 percent in 1967 to 24 percent in 1968--a major factor in the gain was the abundant harvest in Texas waters. Pink shrimp were 14 percent of the landings--compared with 11 percent in 1967. Landings of royal red shrimp and sea bobs increased slightly compared with the previous year.

A significant change occurred in the count-size composition of the catch. In 1968, large shrimp (under 15, 15-20, 21-25, and 26-30 tails per pound) were 34 percent of the landings compared with 38 percent in 1967; medium (31-40 and 41-50 tails per pound) were 32 percent compared with 33 percent in 1967; and small shrimp (51 and more tails per pound) were 34 percent--compared with 29 percent in the previous year.

Fishermen received record exvessel prices for large shrimp in 1968. Average price for the year (all species combined) for under 15 tails per pound was $1.14 per pound; 15-20 count, $1.26; 21-25 count, $1.14; and 26-30 count, $1.02. Except for a 2-cent decline in the under 15 count, these prices ranged from 22 to 27 cents more per pound than in 1967. Medium and small shrimp prices increased compared with 1967 but did not reach the record prices of 1966. The average price per pound for 31-40 count was 79 cents--15 cents more than in 1967, and the 41-50 count average was 63 cents--a gain of 7 cents. The average price for 51-67 count was 49 cents; for 68 and over, it was 31 cents--prices for both sizes increased 3 cents compared with 1967.

Menhaden. Landings of 823.4 million pounds were 18 percent more than in 1967, and the best catch since 1965. The fishery had 78 active purse seine vessels--6 less than in 1967.

Prices for domestic fish meal opened at about $120 to $124 per ton in April, at the beginning of the season, and reached a peak of $150 per ton early in July. Ample supplies of fish meal were available during most of the year, primarily because of record imports. Little demand for menhaden oil in foreign markets caused a large inventory at the end of the year, and prices declined. The market for menhaden solubles was also poor.

Oysters. Record landings of 26.7 million pounds of oyster meats worth a record $10.3 million increased 5.0 million pounds (23 percent) and $1.8 million (21 percent) compared with 1967. Fishermen in all States except Alabama and Texas had one of the best harvests in recent years. Record landings of 5.3 million pounds along the west coast of Florida were 16 percent more than in 1967 and 7 percent more than in 1962, the former record year. The 13.1 million pounds taken in Louisiana nearly doubled the 1967 production and were second only to the record harvest of 1939. Mississippi landings of 3.8 million pounds were about the same as in the previous year. In Alabama, landings of 1.2 million pounds were 42 percent less than in 1967. The fishery was curtailed in early spring when floods in the Mobile River polluted the oyster beds. Compared with 1967, Texas landings of 3.3 million pounds declined 7 percent, principally because San Antonio Bay was closed to oystering in late 1967 and early 1968 because floods damaged the oyster reefs.

The record volume was reflected in the increased production of processed oysters. Production of shucked oysters (1.7 million gallons) was 16 percent greater than in 1967. The average wholesale price for the year increased also--from $7.46 in 1967 to $7.72 in 1968.

Hard blue crabs. The catch of 25.8 million pounds worth $2.1 million was 6 percent less in volume but 14 percent more in value than in 1967. The harvest was the smallest since 1964. The catch declined 36 percent in Florida, West Coast (9.0 million pounds) and 16 percent in Alabama (2.0 million pounds) compared with 1967. In Florida, the shortage of crabs contributed to the record prices fishermen received during most of the year. In Alabama, processing plants supplemented local landings with crabs trucked from other States to supply the market for crab meat.

Landings increased, however, in all other States--compared with 1967. The Mississippi catch was 1.1 million pounds (up 12 percent); Louisiana, 9.6 million (up 26 percent); and Texas, 4.1 million pounds (up 56 percent). Landings in Texas were second only to the record catch of 4.5 million pounds taken in 1962. In 1968, the market demand for picked crab meat was better than average and, as a consequence, the value increased significantly.

Spiny lobsters. Landings of 3.9 million pounds worth a record $2.8 million were 1.2 million pounds and $1.2 million more than in 1967. The catch was second only to the record harvest of 4.4 million pounds taken in 1965. The bulk of the catch came from the Atlantic Ocean. The increasing popularity of this shellfish assured a quick and profitable sale; several shrimp vessels were converted for spiny lobster fishing.

Food finfish. Landings of edible finfish were 88.9 million pounds worth $13.9 million--a gain of 1 percent in volume and 7 percent in value compared with 1967. Contributing to the increase were greater landings of croaker, spotted sea trout, and red drum; and record landings of king mackerel (3.6 million pounds), spanish mackerel (7.2 million), and flounders (1.5 million pounds). The croaker catch for human consumption was 3.4 million pounds--2.6 million more than in 1967, and the best catch in 10 years.

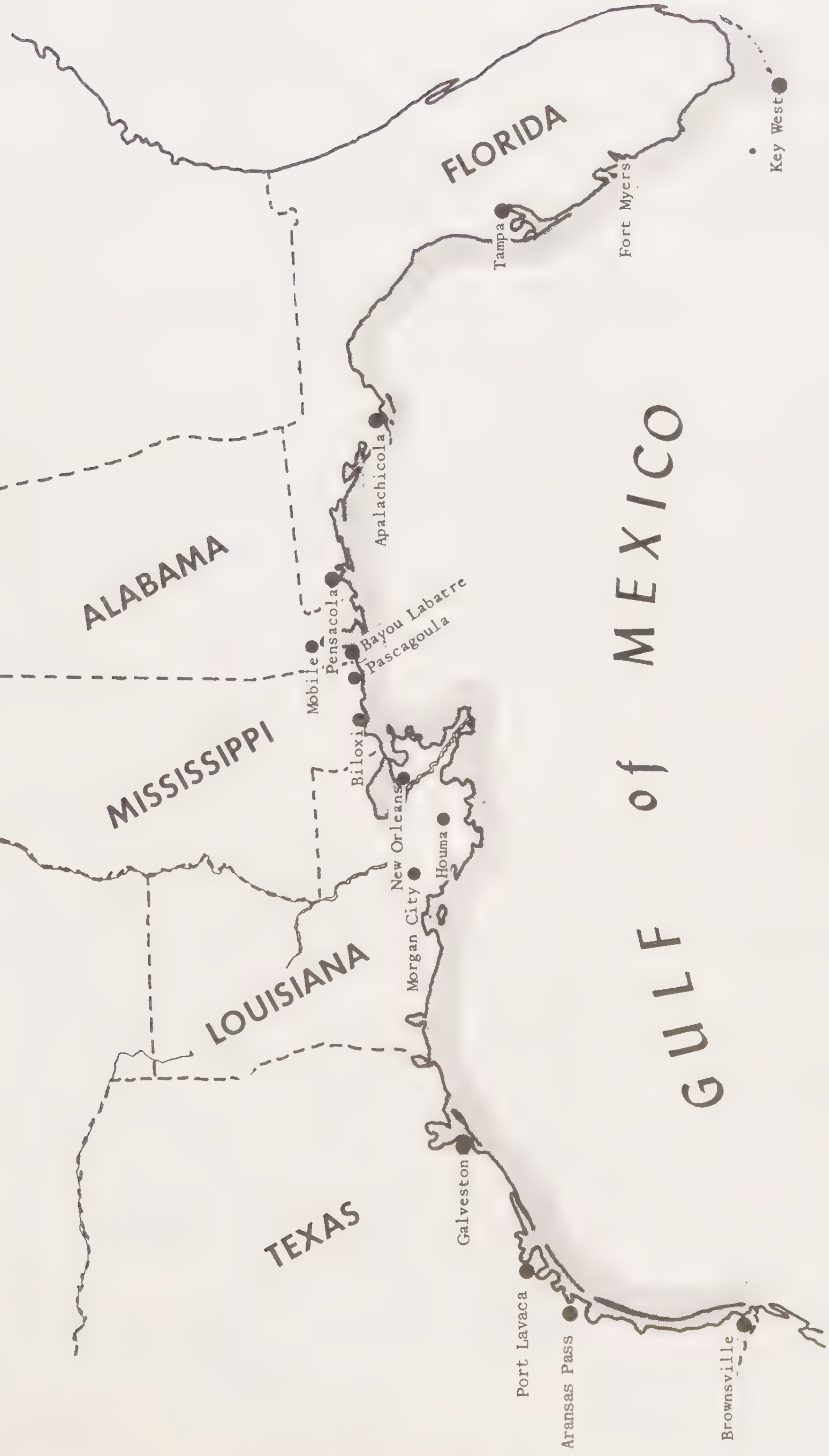
Compared with the previous year, landings of several major species declined. Among them, the 10.7-million-pound catch of red snapper was 11 percent less than in 1967, continuing the downward trend that began in 1966; the value ($3.6 million) declined 6 percent. The continuing decline in catches of red snapper on the Campeche grounds led fishermen to extend their range to the Caribbean Sea. Fishing vessels on these distant grounds were occasionally subjected to seizure by foreign governments for allegedly fishing in their territorial waters. Grouper landings of 6.9 million pounds were 1 percent less than in 1967, but the value of $1.1 million increased 15 percent, mainly because of a brisk market. The mullet catch was 25.3 million pounds--a decline of 4.0 million compared with 1967, and the smallest harvest since 1951. The catch of fresh-water catfish was 3.4 million pounds--9 percent less than in 1967; the value of the catch ($989,000) was one of the smallest in recent years.

Navigation improvement. On November 1, the Coast Guard placed three LORAN (long range aid to navigation) stations into operation. Prior to activation of the new stations, good LORAN coverage was available only in the eastern Gulf of Mexico. The new "type A" system provides accuracy within 1 mile at the maximum range of 800 miles. It is expected to provide fishermen with a means of accurate positioning when good fishing areas are located and also to provide faster assistance than in the past when vessels are disabled.

Other information. Condensed summary data on operating units and catch of the Gulf section appearing on the following pages were published previously in Current Fishery Statistics No. 5537. Data on the catch and operating units of the east coast of Florida and the entire State of Florida may be found in Section 5 of this digest. Seasonal variations in landings of fish and shellfish in Florida, Alabama, Mississippi, Louisiana, and Texas can be ascertained from monthly and annual landing bulletins issued for each of these States. Additional data on many aspects of the Gulf fisheries may be found in daily, monthly and annual reports published by the Bureau's Fishery Market News Service at New Orleans, La.

Acknowledgments. The following organizations helped collect the data appearing in this section: Florida State Board of Conservation, Alabama Department of Conservation, Mississippi Marine Conservation Commission, Louisiana Wild Life and Fisheries Commission, and Texas Parks and Wildlife Department.

GULF FISHERIES


FLORIDA
ALABAMA
MISSISSIPPI
LOUISIANA
TEXAS
GULF of MEXICO
Key West
Fort Myers
Tampa
Apalachicola
Pensacola
Mobile
Bayou Labatre
Pascagoula
Biloxi
New Orleans
Houma
Morgan City
Galveston
Port Lavaca
Aransas Pass
Brownsville

GULF STATES

GULF FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLORIDA, WEST COAST	72	8	47	19	119	27
ALABAMA	8	1	19	9	27	10
MISSISSIPPI	225	5	15	5	240	10
LOUISIANA	662	10	93	32	755	42
TEXAS	57	2	91	48	148	50
TOTAL	1,024	26	265	113	1,289	139

NOTE:--FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1968

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	4,050	1,283	2,175	5,476	5,391	13,036
ON BOATS AND SHORE:						
REGULAR	2,251	669	425	3,566	850	7,761
CASUAL.	1,018	243	706	1,958	748	4,673
TOTAL	7,319	2,195	3,306	11,000	6,989	25,470
VESSELS, MOTOR.	1,394	480	665	1,734	1,903	4,237
GROSS TONNAGE	64,000	24,452	33,282	101,790	120,937	226,255
BOATS:						
MOTOR	2,606	561	1,249	4,520	1,219	10,131
OTHER	38	82	16	40	46	222
GEAR:						
HAUL SEINES, COMMON . . .	84	-	1	7	25	117
LENGTH, YARDS	63,050	-	600	1,900	5,400	70,950
PURSE SEINES:						
HERRING	6	-	-	-	-	6
LENGTH, YARDS	5,052	-	-	-	-	5,052
MENHADEN.	-	-	18	60	9	78
LENGTH, YARDS	-	-	9,670	33,254	4,230	42,924
OTHER	6	-	-	-	-	6
LENGTH, YARDS	1,700	-	-	-	-	1,700
BUTTERFLY NETS, SHRIMP. .	-	-	-	806	-	806
YARDS AT MOUTH.	-	-	-	3,424	-	3,424
OTTER TRAWLS:						
FISH.	-	-	71	27	-	94
YARDS AT MOUTH. . . .	-	-	1,351	530	-	1,806
SHRIMP.	1,943	932	1,409	6,068	4,193	11,178
YARDS AT MOUTH. . . .	31,893	15,468	18,768	92,674	67,800	168,665
FYKE AND HOOP NETS, FISH.	-	125	-	10,050	-	10,175
POTS AND TRAPS:						
CRAB:						
BLUE.	26,024	17,347	3,870	65,550	12,820	125,611
OTHER	55,870	-	-	-	-	55,870
CRAWFISH.	-	-	-	13,930	-	13,930
EEL	25	-	-	-	-	25
FISH.	800	105	-	2,204	-	3,109
LOBSTER, SPINY.	98,500	-	-	-	-	98,500
GILL NETS:						
ANCHOR, SET OR STAKE. .	11	-	-	192	44	247
SQUARE YARDS.	8,000	-	-	58,595	19,660	86,255
DRIFT	6	-	-	-	-	6
SQUARE YARDS.	9,500	-	-	-	-	9,500
RUNAROUND	877	8	6	4	-	895
SQUARE YARDS.	1,382,295	4,800	7,200	7,200	-	1,401,495
TRAMMEL NETS.	305	102	38	64	79	588
SQUARE YARDS.	377,706	82,700	17,700	25,524	36,633	540,263
LINES:						
HAND.	2,124	136	180	115	495	3,050
HOOKS	8,343	682	2,160	162	3,039	14,386
TROLL	1,161	-	-	-	-	1,161
HOOKS	1,161	-	-	-	-	1,161
LONG OR SET WITH HOOKS.	20	4	-	1,433	119	1,576
HOOKS	4,570	1,000	-	459,650	121,700	586,920
TROT WITH BAITS	-	-	4	562	-	566
BAITS	-	-	2,400	350,600	-	353,000

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
DIP NETS:						
COMMON	1	-	-	7	-	8
DROP	140	-	-	10,532	-	10,672
CAST NETS	5	-	-	-	-	5
SPEARS	53	38	-	-	94	185
DREDGES:						
CLAM	1	-	-	-	-	1
YARDS AT MOUTH	1	-	-	-	-	1
OYSTER, COMMON	-	6	426	775	266	1,277
YARDS AT MOUTH	-	9	531	915	266	1,502
SCALLOP, BAY	116	-	-	-	-	116
YARDS AT MOUTH	116	-	-	-	-	116
TONGS:						
OYSTER	756	642	510	99	43	2,050
OTHER	1	-	-	-	-	1
BRUSH TRAPS	-	-		35,200	-	35,200
GRABS, FROG	-	-	-	26	-	26
HOOKS:						
SPONGE	28	-	-	-	-	28
OTHER	2	-	-	-	-	2
DIVING OUTFITS, SPONGE	13	-	-	-	-	13

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	99	3	-	-	-	-
AMBERJACK	14	1	-	-	-	-
ANGELFISH	10	(1)	-	-	-	-
BALLYHOO	129	18	-	-	-	-
BARRACUDA	1	(1)	-	-	-	-
BLUEFISH	556	59	4	(1)	84	8
BLUE RUNNER	2,296	78	(1)	(1)	-	-
BONITO	6	(1)	-	-	-	-
BUFFALOFISH	-	-	30	3	-	-
CABIO	41	3	12	1	2	(1)
CATFISH AND BULLHEADS	21	4	16	5	-	-
CIGARFISH	521	66	-	-	-	-
CREVALLE	519	17	-	-	2	(1)
CROAKER	147	9	1,566	170	1,431	157
DOLPHIN	76	9	-	-	-	-
DRUM:						
BLACK	84	5	16	1	75	4
RED	707	107	16	2	215	31
EEL, COMMON	1	(1)	-	-	-	-
FLOUNDERS	223	48	533	83	138	18
GROUPERS	6,176	1,051	306	36	329	38
GRUNTS	383	42	-	-	-	-
HERRING, THREAD	12,006	123	-	-	-	-
HOGFISH	29	5	-	-	-	-
JEWFISH	99	7	116	11	-	-
KING WHITING OR "KINGFISH"	350	20	700	38	237	15
MACKEREL:						
KING	3,604	464	-	-	-	-
SPANISH	7,066	797	39	3	114	11
MENHADEN	457	13	-	-	149,535	2,038
MOJARRA	192	17	-	-	-	-
MULLET:						
BLACK (LISA)	20,363	1,684	2,840	150	947	48
SILVER	1,040	72	-	-	-	-
PADDLEFISH	-	-	3	(1)	-	-
PERMIT	14	2	-	-	-	-
PIGFISH	69	4	-	-	-	-
POMPANO	731	497	2	1	7	4
SCUP OR PORGY	57	7	-	-	-	-
SEA BASS	303	35	-	-	-	-
SEA CATFISH	160	12	51	2	51	3
SEA TROUT OR WEAKFISH:						
SPOTTED	3,065	871	101	26	268	67
WHITE	111	10	326	16	311	23

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHARKS, UNCLASSIFIED. . . .	(1)	(1)	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	6	1	-	-
SALT-WATER.	355	32	68	5	63	5
SNAPPER:						
LANE.	10	2	-	-	-	-
MANGROVE.	471	106	-	-	-	-
MUTTON.	166	48	-	-	-	-
RED	4,308	1,757	1,214	328	3,726	1,118
VERMILION	124	39	-	-	-	-
YELLOWTAIL.	1,025	344	-	-	-	-
SPANISH SARDINES.	245	8	-	-	-	-
SPOT.	311	28	46	3	8	1
STURGEON, COMMON.	58	9	-	-	-	-
TENPOUNDER.	801	30	-	-	-	-
TILEFISH.	6	1	-	-	-	-
TRIGGERFISH	12	1	-	-	-	-
TRIPLETAIL.	1	(1)	-	-	-	-
WARSAW.	147	17	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	1,436	124	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	547	20	-	-	67,998	1,323
TOTAL FISH.	71,749	8,726	8,011	885	225,541	4,912
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD.	9,008	674	1,980	159	1,136	108
SOFT AND PEELER	-	-	-	-	1	(1)
STONE	1,285	601	-	-	-	-
TOTAL CRABS	10,293	1,275	1,980	159	1,137	108
LOBSTER, SPINY.	3,921	2,828	-	-	-	-
SHRIMP. SALT-WATER.	27,277	12,695	15,450	7,964	10,193	3,677
CLAMS:						
HARD, PUBLIC.	7	4	-	-	-	-
SUNRAY VENUS.	410	42	-	-	-	-
TOTAL CLAMS	417	46	-	-	-	-
CONCHS.	2	(1)	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	2,842	933	484	245	2,765	746
FALL.	2,286	756	611	305	806	364
PRIVATE:						
SPRING.	110	37	92	46	215	53
FALL.	80	28	24	12	-	-
TOTAL OYSTERS	5,318	1,754	1,211	608	3,786	1,163
SCALLOPS, BAY	143	122	-	-	-	-
SQUID	66	7	9	1	-	-
TURTLES:						
GREEN	63	14	-	-	-	-
LOGGERHEAD.	2	(1)	-	-	-	-
TOTAL TURTLES	65	14	-	-	-	-
SPONGES:						
GRASS	1	2	-	-	-	-
SHEEPSWOOL.	35	328	-	-	-	-
YELLOW.	6	12	-	-	-	-
TOTAL SHELLFISH, ETC.	47,544	19,083	18,650	8,732	15,116	4,948
GRAND TOTAL	119,293	27,809	26,661	9,617	240,657	9,860

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	-	-	-	-	99	3
AMBERJACK	-	-	-	-	14	1
ANGELFISH	-	-	-	-	10	(1)
BALLYHOO.	-	-	-	-	129	18

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BARRACUDA	-	-	-	-	1	(1)
BLUEFISH	-	-	-	-	644	67
BLUE RUNNER	-	-	-	-	2,296	78
BONITO	-	-	-	-	6	(1)
BOWFIN	9	(1)	-	-	9	(1)
BUFFALOFISH	610	80	22	3	662	86
CABIO	3	(1)	24	3	82	7
CARP	37	1	-	-	37	1
CATFISH AND BULLHEADS	3,397	978	6	2	3,440	989
CIGARFISH	-	-	-	-	521	66
CREVALLE	-	-	-	-	521	17
CROAKER	90	7	139	6	3,373	349
DOLPHIN	-	-	-	-	76	9
DRUM:						
BLACK	360	25	677	87	1,212	122
RED	741	102	925	216	2,604	458
EEL, COMMON	-	-	-	-	1	(1)
FLOUNDERS	271	49	336	76	1,501	274
GARFISH	550	42	45	2	595	44
GROUPERS	6	(1)	93	10	6,910	1,135
GRUNTS	-	-	-	-	383	42
HERRING, THREAD	-		-	-	12,006	123
HOGFISH	-	-	-	-	29	5
JEWFISH	(1)	(1)		-	215	18
KING WHITING OR "KINGFISH"	557	35	120	6	1,964	114
MACKEREL:						
KING	-	-	-	-	3,604	464
SPANISH	10	1	3	(1)	7,232	812
MENHADEN	622,291	7,740	51,073	674	623,356	10,465
MOJARRA	-	-	-	-	192	17
MULLET:						
BLACK (LISA)	74	3	28	1	24,252	1,886
SILVER	-	-	-	-	1,040	72
PADDLEFISH	4	(1)	-	-	7	(1)
PERMIT	-	-	-	-	14	2
PIGFISH	-	-	-	-	69	4
POMPANO	41	26	4	2	785	530
SAWFISH	2	(1)	-	-	2	(1)
SCUP OR PORGY	-	-	-	-	57	7
SEA BASS	-	-	-	-	303	35
SEA CATFISH	69	6	74	6	405	29
SEA TROUT OR WEAKFISH:						
SPOTTED	619	153	1,871	419	5,924	1,536
WHITE	113	11	20	2	881	62
SHARKS, UNCLASSIFIED	4	(1)	-	-	4	(1)
SHEEPSHEAD:						
FRESH-WATER	172	19	-	-	178	20
SALT-WATER	161	9	193	16	840	67
SNAPPER:						
LANE	-	-	-	-	10	2
MANGROVE	-	-	-	-	471	106
MUTTON	-	-	-	-	166	48
RED	277	73	1,128	367	10,653	3,643
VERMILION	-	-	-	-	124	39
YELLOWTAIL	-	-	-	-	1,025	344
SPANISH SARDINES	-	-	-	-	245	8
SPOT	9	(1)	-	-	374	32
STURGEON, COMMON	-	-	-	-	58	9
TENPOUNDER	-	-	-	-	601	30
TILEFISH	-	-	-	-	6	1
TRIGGERFISH	-	-	-	-	12	1
TRIPLETAIL	5	(1)	-	-	6	(1)
WARSAW	(1)	(1)	7	1	154	18
UNCLASSIFIED:						
FOR FOOD	-	-	195	11	1,631	135
BAIT, REDUCTION, AND ANIMAL FOOD	31,270	455	79	3	99,694	1,801
TOTAL FISH	661,752	9,815	57,062	1,913	1,024,115	26,251
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	9,551	807	4,084	329	25,759	2,077
SOFT AND PEELER	284	207	-	-	285	207
STONE	-		-	-	1,285	601
TOTAL	9,835	1,014	4,084	329	27,329	2,885
CRAWFISH, FRESH-WATER	1,994	355	-	-	1,994	355

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

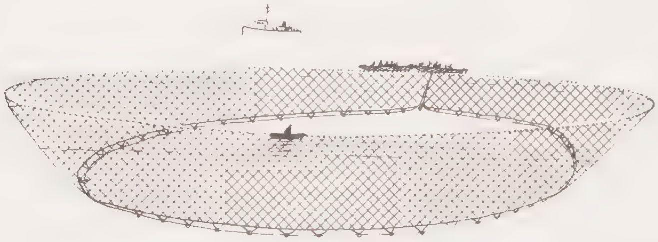
CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
SHELLFISH, ETC. -'CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LOBSTER, SPINY.	-	-	-	-	3,921	2,828
SHRIMP, SALT-WATER.	67,768	25,623	83,336	45,870	204,024	95,829
CLAMS:						
HARD, PUBLIC.	-	-	-	-	7	4
SUNRAY VENUS.	-	-	-	-	410	42
TOTAL CLAMS	-	-	-	-	417	46
CONCHS.	-	-	-	-	2	(1)
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	1,226	395	1,991	865	9,308	3,184
FALL.	355	207	1,142	497	5,200	2,129
PRIVATE:						
SPRING.	7,755	2,495	89	38	8,261	2,669
FALL.	3,786	2,208	80	44	3,970	2,292
TOTAL OYSTERS	13,122	5,305	3,302	1,444	26,739	10,274
SCALLOPS, BAY	-	-	-	-	143	122
SQUID	1	(1)	11	1	87	9
TERRAPIN.	2	1	-	-	2	1
TURTLES:						
BABY.	(1)	1	-	-	(1)	1
GREEN	1	(1)	-	-	64	14
LOGGERHEAD.	-	-	-	-	2	(1)
SNAPPER	15	4	-	-	15	4
TOTAL TURTLES	16	5	-	-	81	19
FROGS	12	7	-	-	12	7
SPONGES:						
GRASS	-	-	-	-	1	2
SHEEPSWOOL.	-	-	-	-	35	328
YELLOW.	-	-	-	-	6	12
TOTAL SHELLFISH, ETC.	92,750	32,310	90,733	47,644	264,793	112,717
GRAND TOTAL	754,502	42,125	147,795	49,557	1,288,908	138,968

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE CATCH ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS AND SPONGES. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS IN WEIGHT OF EDIBLE MEATS. SPONGES ARE REPORTED IN MARKETED WEIGHT.



Menhaden purse seine

CATCH OF CERTAIN SHELLFISH, 1968

(U.S. STANDARD BUSHEL)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:						
HARD, PUBLIC	859	$3,665	-	-	-	-
SUNRAY VENUS	61,949	41,906	-	-	-	-
CONCHS	114	418				
OYSTERS, MARKET:						
PUBLIC:						
SPRING	620,981	932,757	94,551	$244,215	699,924	$746,394
FALL	603,273	755,871	117,823	305,430	192,387	363,934
PRIVATE:						
SPRING	23,377	36,583	17,910	46,423	54,531	52,700
FALL	20,841	27,990	4,721	12,130	-	-
SCALLOPS, BAY	26,879	122,091	-	-	-	-

SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:						
HARD, PUBLIC	-	-	-	-	859	$3,665
SUNRAY VENUS	-	-	-	-	61,949	41,906
CONCHS	-	-	-	-	114	418
OYSTERS, MARKET:						
PUBLIC:						
SPRING	236,127	$394,978	429,289	$865,329	2,080,872	3,183,673
FALL	82,366	206,493	213,730	497,090	1,209,579	2,128,818
PRIVATE:						
SPRING	1,494,142	2,495,261	19,138	38,057	1,609,098	2,669,024
FALL	878,445	2,208,324	23,075	44,138	927,082	2,292,582
SCALLOPS, BAY	-	-	-	-	26,879	122,091

NOTE:--THE CAPACITY OF A U.S STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1968

(POUNDS OF MEAT PER U.S. STANDARD BUSHEL)

SPECIES	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CLAMS:					
HARD, PUBLIC	8.50	-	-	-	-
SUNRAY VENUS	6.62	-	-	-	-
CONCHS	14.00	-	-	-	-
OYSTERS, MARKET:					
PUBLIC:					
SPRING	4.58	5.12	3.95	5.19	4.64
FALL	3.79	5.19	4.19	4.31	5.34
PRIVATE:					
SPRING	4.68	5.12	3.95	5.19	4.64
FALL	3.83	5.19	-	4.31	3.48
SCALLOPS, BAY	5.31	-	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1968

ITEM		FLORIDA, WEST COAST		ALABAMA	
		QUANTITY	VALUE	QUANTITY	VALUE
FLOUNDER, FROZEN:					
FILLETS, BREADED RAW.	POUNDS	(1)	(1)	-	-
SPECIALTIES (STUFFED AND BALLS, BREADED, RAW AND COOKED)	DO	(1)	(1)	(1)	(1)
GROUPER:					
FILLETS:					
FRESH AND FROZEN.	DO	179,787	$117,845	(1)	(1)
BREADED RAW	DO	(1)	(1)	-	-
STEAKS, FRESH AND FROZEN.	DO	(1)	(1)	(1)	(1)
HERRING, THREAD:					
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
SOLUBLES.	TONS	(1)	(1)	-	-
KING MACKEREL, FROZEN:					
FILLETS	POUNDS	(1)	(1)	-	-
STEAKS.	DO	(1)	(1)	-	-
MULLET:					
FRESH AND FROZEN:					
ROE	DO	26,395	18,844	-	-
SPLIT FOR SMOKING	DO	(1)	(1)	-	-
SALTED:					
FISH.	DO	136,720	22,935	-	-
ROE	DO	1,240	1,030	-	-
SMOKED.	DO	(1)	(1)	-	-
OCEAN PERCH FILLETS, BREADED RAW. . .	DO	(1)	(1)	-	-
POMPANO FILLETS, FROZEN	DO	(1)	(1)	-	-
SEA TROUT, FROZEN:					
STEAKS.	DO	(1)	(1)	-	-
FILLETS, BREADED RAW.	DO	(1)	(1)	-	-
SNAPPER, RED, FRESH AND FROZEN:					
FILLETS	DO	90,029	91,052	(1)	(1)
STEAKS.	DO	(1)	(1)	(1)	(1)
SPANISH MACKEREL:					
FILLETS, FROZEN..	DO	743,462	317,140	-	-
SALTED.	DO	(1)	(1)	-	-
TRIGGERFISH FILLETS, FRESH.	DO	(1)	(1)	-	-
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	1,274,710	2,604,228	343,616	$546,548
SPECIALTIES (CAKES, BURGERS, STUFFED, DEVILED, ETC.). . . .	DO	343,334	211,966	(1)	(1)
BACK SHELLS, CLEANED AND POLISHED		-	-	-	(1)
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
STONE, CLAWS, COOKED, FROZEN. . . .	POUNDS	(1)	(1)	-	-
LOBSTERS, SPINY, FROZEN:					
WHOLE, COOKED	DO	(1)	(1)	-	-
TAILS, RAW.	DO	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW, HEADLESS	DO	4,251,616	4,607,065	8,431,679	8,053,469
PEELED (INCLUDING DEVEINED):					
RAW	DO	12,773,066	21,361,909	(1)	(1)
COOKED.	DO	(1)	(1)	-	-
BREADED RAW	DO	23,807,505	23,275,640	-	-
SPECIALTIES (CREOLES, STUFFED, COCKTAILS, PORTIONS, ETC.) . . .	DO	(1)	(1)	(1)	(1)
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
CLAMS, SHUCKED, FRESH, HARD	GALLONS	(1)	(1)	-	-
CONCH CHOWDER, CANNED	STANDARD CASES	(1)	(1)	-	-
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED	GALLONS	436,975	2,749,380	357,671	2,873,750
BREADED RAW	POUNDS	1,755,104	1,530,767	-	-
SPECIALTIES (DRESSING AND STEWS).	DO	(1)	(1)	-	-
CANNED, SPECIALTIES (STEW AND SOUP)	STANDARD CASES	(1)	(1)	-	-
SHELL, GRIT AND LIME.	TONS	-	-	(1)	(1)
SCALLOPS:					
BAY, SHUCKED, FRESH....	GALLONS	15,188	208,217	(1)	(1)
SEA, BREADED RAW, FROZEN.	POUNDS	433,553	519,768	-	-
TURTLE, CANNED (CHOWDER AND SOUP) . .	STANDARD CASES	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	POUNDS	2,540,878	13,468,098	2,674,971	3,898,803

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		FLORIDA, WEST COAST		ALABAMA	
		QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:					
CANNED	STANDARD CASES	(4)	(4)	-	-
CURED	POUNDS	56,100	$254,310	-	-
INDUSTRIAL	-	-	222,233	-	(4)
TOTAL	-	-	71,582,427	-	$15,372,137

ITEM		MISSISSIPPI		LOUISIANA		TEXAS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CATFISH:							
FILLETS, FRESH	POUNDS	-	-	(1)	(1)	-	-
DRESSED, SKINS OFF, FROZEN	DO	-	-	(1)	(1)	-	-
COD, FREEZE-DRIED	DO	-	-	-	-	(1)	(1)
FLOUNDER, FROZEN, SPECIALTIES (STUFFED AND BALLS, BREADED, RAW AND COOKED)	DO	-	-	(1)	(1)	(1)	(1)
GROUPER, STEAKS, FRESH AND FROZEN	DO	(1)	(1)	-	-	-	-
MENHADEN:							
MEAL AND SCRAP	TONS	16,083	$2,248,460	69,608	$9,406,117	(2)	(2)
OIL	1,000 POUNDS	18,745	690,720	76,132	3,438,211	(2)	(2)
SOLUBLES	TONS	7,996	457,160	22,074	1,162,814	(2)	(2)
MULLET, MEAL AND SCRAP	DO	-	-	(1)	(1)	-	-
TUNA, SPECIALTIES (FREEZE-DRIED SALAD MIX)	POUNDS	-	-	-	-	(1)	(1)
CRABS:							
BLUE:							
FRESH AND FROZEN:							
COOKED MEAT	DO	192,800	242,242	423,156	727,894	581,968	$878,252
SPECIALTIES (CAKES, BURGERS, STUFFED, DEVILED, ETC.)	DO	(1)	(1)	329,252	227,125	(1)	(1)
CANNED:							
REGULAR	STANDARD CASES	(1)	(1)	-	-	-	-
SPECIALTIES	DO	-	-	(1)	(1)	-	-
BACK SHELLS, CLEANED AND POLISHED	-	-	(1)	-	-	-	-
KING, SPECIALTIES (FREEZE-DRIED SALAD MIX)	POUNDS	-	-	-	-	(1)	(1)
CRAWFISH:							
MEAT, COOKED FRESH	DO	-	-	16,500	25,050	-	-
SPECIALTIES:							
FROZEN (BISQUE)	DO	-	-	(1)	(1)	-	-
CANNED (BISQUE, ETC.)	STANDARD CASES	-	-	966	35,163	-	-
SHRIMP:							
FRESH AND FROZEN:							
RAW, HEADLESS	POUNDS	3,636,300	4,286,476	22,996,544	24,806,381	34,889,760	34,694,842
PEELED (INCLUDING DEVEINED):							
RAW	DO	(1)	(1)	408,337	261,500	11,091,116	16,091,706
COOKED	DO	-	-	1,811,522	4,327,365	(1)	(1)
BREADED RAW	DO	-	-	2,650,089	2,407,341	30,188,561	27,574,497
SPECIALTIES (CREOLES, STUFFED, COCKTAILS, PORTIONS, ETC.)	DO	-	-	210,239	193,178	(1)	(1)
CANNED:							
REGULAR	STANDARD CASES	537,072	5,767,371	1,481,816	16,311,804	(2)	(2)
SPECIALTIES (GUMBO, STEW, CREOLE AND BISQUE)	DO	-	-	6,158	87,523	-	-
FREEZE-DRIED (MEAT AND SALAD MIX)	POUNDS	-	-	-	-	(1)	(1)
SUN-DRIED	DO	-	-	560,439	1,066,791	-	-
OYSTERS:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	114,430	1,009,685	547,312	4,479,470	222,959	1,852,196
BREADED RAW	POUNDS	-	-	-	-	(1)	(1)
SPECIALTIES (DRESSING AND STEWS)	DO	-	-	(1)	(1)	-	-
CANNED:							
REGULAR	STANDARD CASES	(1)	(1)	(1)	(1)	-	-
SPECIALTIES (STEW AND SOUP)	DO	(1)	(1)	(1)	(1)	-	-
SHELL, GRIT AND LIME	TONS	-	-	-	-	(1)	(1)
TURTLE, CANNED (CHOWDER AND SOUP)	STANDARD CASES	-	-	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MISSISSIPPI		LOUISIANA		TEXAS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED:							
FRESH AND FROZEN, PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH.	POUNDS	51,600	$112,750	26,959	$15,786	3,730,426	$4,635,492
CANNED:							
ANIMAL FOOD	STANDARD CASES	2,350,264	8,975,144	(3)	(3)	-	-
OTHER	DO	94,255	1,530,129	555,499	7,741,630	-	-
CURED	POUNDS	-	-	-	-	(4)	(4)
INDUSTRIAL.	-	-	(4)	-	56,715	-	(4)
TOTAL	-	-	25,320,137	-	74,775,676	-	87,729,167

1/ INCLUDED WITH UNCLASSIFIED. 2/ THE PRODUCTION OF MENHADEN PRODUCTS AND CANNED SHRIMP PRODUCED IN TEXAS HAS BEEN INCLUDED WITH LOUISIANA. 3/ THE PRODUCTION OF CANNED ANIMAL FOOD PRODUCED IN LOUISIANA HAS BEEN INCLUDED WITH OTHER CANNED. 4/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	19,206
FROZEN.	191,933
CANNED.	40,587
CURED	2,856
INDUSTRIAL.	20,198
TOTAL	274,780

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
FLORIDA, WEST COAST	71,582
ALABAMA	15,373
MISSISSIPPI	25,320
LOUISIANA	74,776
TEXAS	87,729
TOTAL	274,780

WHOLESALING AND PROCESSING, 1968

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:						
ESTABLISHMENTS.	324	71	62	218	156	831
PERSONS ENGAGED:						
AVERAGE FOR SEASON.	4,156	1,726	1,818	5,233	5,738	18,671
AVERAGE FOR YEAR.	3,476	1,013	1,045	3,357	3,876	12,767

GULF FISHERIES

FLORIDA, WEST COAST

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS, SHRIMP	POTS AND TRAPS
					CRAB
		HERRING	OTHER		BLUE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	102	72	8	2,412	2
ON BOATS AND SHORE:					
REGULAR	273	-	8	104	188
CASUAL.	3	-	-	26	22
TOTAL	378	72	16	2,542	212
VESSELS, MOTOR.	16	6	2	966	1
GROSS TONNAGE	224	1,782	58	53,442	9
BOATS:					
MOTOR	115	10	5	54	182
OTHER	36	-	-	-	-
GEAR:					
NUMBER.	64	6	7	1,943	26,024
LENGTH, YARDS	63,050	5,052	1,700	-	-
YARDS AT MOUTH.	-	-	-	31,593	-

ITEM	POTS AND TRAPS - CONTINUED				GILL NETS
	CRAB - CONTINUED	EEL	FISH	LOBSTER, SPINY	ANCHOR, SET OR STAKE
	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	36	-	-	323	-
ON BOATS AND SHORE:					
REGULAR	122	1	38	214	10
CASUAL.	9	-	-	12	2
TOTAL	167	1	38	549	12
VESSELS, MOTOR.	18	-	-	137	-
GROSS TONNAGE	260	-	-	3,433	-
BOATS, MOTOR.	108	1	38	135	11
GEAR:					
NUMBER.	55,870	25	800	98,500	11
SQUARE YARDS.	-	-	-	-	8,000

ITEM	GILL NETS - CONTINUED		TRAMMEL NETS	LINES	
	DRIFT	RUNAROUND		HAND	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	8	273	58	1,014	68
ON BOATS AND SHORE:					
REGULAR	2	883	356	310	192
CASUAL.	-	82	38	744	336
TOTAL	10	1,238	452	2,068	596
VESSELS, MOTOR.	4	75	22	257	33
GROSS TONNAGE	29	1,239	211	1,357	563
BOATS:					
MOTOR	2	801	285	777	385
OTHER	-	2	-	-	-
GEAR:					
NUMBER.	6	877	305	2,124	1,161
SQUARE YARDS.	9,500	1,382,295	377,706	-	-
HOOKS OR BAITS.	-	-	-	8,343	1,161

ITEM	LINES - CONTINUED	DIP NETS		CAST NETS	SPEARS
	LONG OR SET WITH HOOKS	COMMON	DROP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	4	1	12	-	31
CASUAL.	8	-	20	5	22
TOTAL	12	1	32	5	53

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	LINES - CONTINUED	DIP NETS		CAST NETS	SPEARS
	LONG OR SET WITH HOOKS	COMMON	DROP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS, MOTOR.	11	1	22	5	53
GEAR:					
NUMBER.	20	1	140	5	53
HOOKS OR BAITS.	4,570	-	-	-	-

ITEM	DREDGES		TONGS		HOOKS
	CLAM	SCALLOP, BAY	OYSTER	OTHER	SPONGE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	3	14	14	-	-
ON BOATS AND SHORE:					
REGULAR	-	53	707	1	28
CASUAL.	-	14	37	-	-
TOTAL	3	81	758	1	28
VESSELS, MOTOR.	1	7	7	-	-
GROSS TONNAGE	25	83	88	-	-
BOATS, MOTOR.	-	53	601	1	22
GEAR:					
NUMBER.	1	116	75[illegible]	1	28
YARDS AT MOUTH.	1	116	-	-	-

ITEM	HOOKS - CONTINUED	DIVING OUTFITS, SPONGE	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	83	-	-	4,050
ON BOATS AND SHORE:					
REGULAR	2	-	41	11	2,251
CASUAL.	-	-	3	4	1,018
TOTAL	2	83	44	15	7,319
VESSELS, MOTOR.	-	13	-	-	1,394
GROSS TONNAGE	-	181	-	-	64,000
BOATS:					
MOTOR	2	-	44	15	2,606
OTHER	-	-	-	-	38
GEAR, NUMBER.	2	13	-	-	-

FLORIDA, WEST COAST - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			HERRING		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	45,200	$1,568	-	-	-	-
ANGELFISH	6,500	300	-	-	-	-
BALLYHOO	-	-	-	-	-	-
BARRACUDA	1,300	65	-	-	128,600	$17,985
BLUEFISH	251,600	25,527	-	-	-	-
BLUE RUNNER	1,989,000	66,983	-	-	-	-
BONITO	1,800	90	-	-	-	-
CABIO	1,000	86	-	-	-	-
CIGARFISH	521,300	66,411	-	-	-	-
CREVALLE	217,000	8,270	-	-	-	-
CROAKER	16,800	1,229	-	-	51,300	1,511
DRUM:						
BLACK	18,000	885	-	-	-	-
RED	145,500	21,102	-	-	-	-
FLOUNDERS	15,400	2,909	-	-	-	-
GRUNTS	8,100	577	-	-	-	-
HERRING, THREAD	16,400	985	11,909,600	$120,073	80,000	2,400
HOGFISH	400	86	-	-	-	-
KING WHITING OR "KINGFISH"	38,800	2,814	-	-	-	-
MACKEREL:						
KING	78,200	11,741	-	-	332,700	42,685
SPANISH	822,100	87,921	-	-	198,800	22,166
MENHADEN	75,900	1,820	5,100	153	87,000	1,740
MOJARRA	84,100	7,256	-	-	-	-
MULLET:						
BLACK (LISA)	4,040,900	343,368	-	-	-	-
SILVER	112,300	7,972	-	-	-	-
PERMIT	300	44	-	-	-	-
PIGFISH	9,500	535	-	-	-	-
POMPANO	15,300	10,315	-	-	-	-
SEA CATFISH	30,800	2,404	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	324,200	92,454	-	-	-	-
WHITE	6,600	744	-	-	-	-
SHEEPSHEAD, SALT-WATER	77,400	6,669	-	-	-	-
SNAPPER, MANGROVE	8,500	1,447	-	-	-	-
SPANISH, SARDINE	245,100	8,240	-	-	-	-
SPOT	60,400	5,969	-	-	-	-
TENPOUNDER	727,100	27,440	-	-	-	-
TRIPLETAIL	100	3	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	207,800	19,766	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	102,000	2,647	-	-	-	-
CRABS, BLUE, HARD	4,500	328	-	-	-	-
TOTAL	10,327,200	838,970	11,914,700	120,226	878,400	88,487

SPECIES	OTTER TRAWLS, SHRIMP		POTS AND TRAPS			
			CRAB			
			BLUE		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO	2,600	$176	-	-	-	-
CROAKER	48,800	2,817	-	-	-	-
FLOUNDERS	95,500	18,914	-	-	-	-
GROUPERS	6,200	1,005	-	-	-	-
JEWFISH	1,500	90	-	-	-	-
KING WHITING OR "KINGFISH"	247,900	12,925	-	-	-	-
SEA CATFISH	23,100	1,536	-	-	-	-
SEA TROUT OR WEAKFISH, WHITE	23,500	1,333	-	-	-	-
SHEEPSHEAD, SALT-WATER	6,100	490	-	-	-	-
SNAPPER, RED	1,600	620	-	-	-	-
SPOT	21,900	1,179	-	-	-	-
STURGEON, COMMON	200	15	-	-	-	-
TRIPLETAIL	600	29	-	-	-	-
UNCLASSIFIED, FOR FOOD	1,700	120	-	-	-	-
CRABS:						
BLUE, HARD	137,600	7,697	8,865,300	$665,765	-	-
STONE	-	-	-	-	1,239,600	$[illegible],802
LOBSTER, SPINY	84,100	54,607	-	-	-	-
SHRIMP, SALT-WATER	27,377,100	12,694,706	-	-	-	-
SQUID	66,200	6,540	-	-	-	-
TURTLES, GREEN	100	19	-	-	-	-
TOTAL	28,146,300	12,804,818	8,865,300	665,765	1,239,600	[illegible]

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - CATCH BY GEAR, 1968 - Continued

SPECIES	POTS AND TRAPS - CONTINUED					
	EEL		FISH		LOBSTER, SPINY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	800	$53	-	-	-	-
GROUPERS	-	-	-	-	40,000	$7,200
SEA BASS	-	-	300,900	$35,048	-	-
CRABS:						
BLUE, HARD	-	-	-	-	700	67
STONE	-	-	-	-	45,000	21,325
LOBSTER, SPINY	-	-	-	-	3,814,500	2,757,528
TOTAL	800	53	300,900	35,048	3,900,200	2,786,120

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	51,500	$1,465
ANGELFISH	-	-	-	-	1,800	63
BLUEFISH	-	-	-	-	231,900	25,731
BLUE RUNNER	-	-	-	-	229,600	7,673
CABIO	-	-	-	-	10,500	733
CATFISH AND BULLHEADS	-	-	-	-	200	49
CREVALLE	-	-	-	-	200,200	5,530
CROAKER	-	-	-	-	34,500	2,333
DRUM:						
BLACK	-	-	-	-	38,700	2,409
RED	-	-	-	-	410,600	62,254
FLOUNDERS	-	-	-	-	47,200	10,055
GRUNTS	-	-	-	-	7,400	492
KING WHITING OR "KINGFISH"	-	-	-	-	39,900	2,780
MACKEREL:						
KING	-	-	15,000	$1,920	2,880,900	368,385
SPANISH	-	-	70,000	8,282	5,646,900	642,741
MENHADEN	-	-	-	-	285,100	9,291
MOJARRA	-	-	-	-	94,900	8,626
MULLET:						
BLACK (LISA)	-	-	-	-	14,170,200	1,160,800
SILVER	-	-	-	-	903,300	62,471
PERMIT	-	-	-	-	7,500	854
PIGFISH	-	-	-	-	44,500	2,369
POMPANO	-	-	20,500	15,047	202,900	137,592
SEA BASS	-	-	-	-	100	9
SEA CATFISH	-	-	-	-	60,600	4,659
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	-	-	1,991,600	564,856
WHITE	-	-	-	-	46,300	5,149
SHEEPSHEAD, SALT-WATER	600	$70	-	-	156,200	14,817
SNAPPER, MANGROVE	-	-	-	-	42,700	7,164
SPOT	-	-	-	-	187,700	17,962
STURGEON, COMMON	51,200	8,524	6,200	617	100	12
TENPOUNDER	-	-	-	-	63,200	2,349
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	933,300	81,682
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	394,700	15,574
TURTLES:						
GREEN	37,300	7,947	-	-	25,400	6,353
LOGGERHEAD	-	-	-	-	1,900	178
TOTAL	89,100	16,541	111,700	25,866	29,444,000	3,235,460

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,700	$88	-	-	-	-
AMBERJACK	-	-	13,600	$724	-	-
ANGELFISH	200	10	1,200	50	200	$6
BARRACUDA	-	-	100	10	-	-
BLUEFISH	42,800	4,916	23,100	2,482	6,700	733
BLUE RUNNER	36,100	1,235	41,800	2,002	-	-
BONITO	-	-	1,600	79	2,500	113
CABIO	-	-	23,300	1,789	3,600	303
CATFISH AND BULLHEADS	-	-	1,800	336	-	-
CIGARFISH	100	16	-	-	-	-
CREVALLE	20,500	651	26,000	793	3,900	106
CROAKER	26,900	1,685	19,800	1,318	-	-
DOLPHIN	-	-	-	-	76,100	5,739

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - CATCH BY GEAR, 1968 - Continued

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DRUM:						
BLACK	12,200	$830	14,700	$1,081	-	-
RED	70,300	10,885	78,800	11,910	2,000	$280
FLOUNDERS	18,500	4,258	3,400	535	-	-
GROUPERS	-	-	6,130,300	1,043,242	-	-
GRUNTS	-	-	367,500	41,113	300	18
HOGFISH	-	-	28,500	5,285	-	-
JEWFISH	-	-	97,700	7,236	-	-
KING WHITING OR "KINGFISH"	11,900	708	10,400	783	1,000	98
MACKEREL:						
KING	1,100	138	68,900	8,774	226,700	30,042
SPANISH	113,700	12,254	130,600	14,455	83,600	9,365
MENHADEN	3,700	123	-	-	-	-
MOJARRA	500	48	12,600	1,263	-	-
MULLET:						
BLACK (LISA)	2,146,900	178,842	-	-	-	-
SILVER	24,200	1,669	-	-	-	-
PERMIT	400	45	6,100	681	-	-
PIGFISH	4,900	258	10,200	550	-	-
POMPANO	489,700	331,936	3,000	1,939	-	-
SCUP OR PORGY	-	-	56,900	7,182	-	-
SEA BASS	-	-	1,700	265	-	-
SEA CATFISH	12,800	936	5,500	391	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	409,100	116,026	307,100	87,403	33,200	9,741
WHITE	25,200	2,213	7,700	863	1,300	141
SHARKS, UNCLASSIFIED	-	-	100	4	-	-
SHEEPSHEAD, SALT-WATER	21,000	1,803	93,800	8,057	-	-
SNAPPERS:						
LANE	-	-	10,300	1,568	-	-
MANGROVE	21,000	3,444	398,500	94,222	-	-
MUTTON	-	-	166,100	48,265	-	-
RED	-	-	4,306,300	1,756,688	-	-
VERMILION	-	-	123,500	38,621	-	-
YELLOWTAIL	-	-	1,025,300	343,903	-	-
SPOT	36,300	2,484	5,000	508	-	-
TENPOUNDER	7,100	258	3,900	145	-	-
TILEFISH	-	-	6,500	793	-	-
TRIGGERFISH	-	-	12,500	875	-	-
TRIPLETAIL	-	-	100	4	-	-
WARSAW	-	-	147,000	16,653	-	-
UNCLASSIFIED:						
FOR FOOD	81,300	7,219	210,900	14,714	100	7
BAIT, REDUCTION, AND ANIMAL FOOD	39,300	1,434	11,400	346	-	-
TOTAL	3,680,400	686,412	14,015,100	3,569,900	441,200	59,692

SPECIES	LINES - CONTINUED		DIP NETS			
	LONG OR SET WITH HOOKS		COMMON		DROP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	19,000	$3,902	-	-	-	-
SEA CATFISH	26,500	1,969	-	-	-	-
LOBSTER, SPINY	-	-	6,000	$4,337	16,200	$11,711
TOTAL	45,500	5,871	6,000	4,337	16,200	11,711

SPECIES	CAST NETS		SPEARS		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	42,600	$10,897	-	-
MULLET, BLACK (LISA)	5,400	$457	-	-	-	-
SEA CATFISH	500	29	-	-	-	-
UNCLASSIFIED, FOR FOOD	400	53	-	-	-	-
CLAMS, SUNRAY VENUS	-	-	-	-	410,100	$41,906
TOTAL	6,300	539	42,600	10,897	410,100	41,906

SPECIES	DREDGES - CONTINUED		TONGS			
	SCALLOPS, BAY		OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	-	-	7,100	$3,573

(CONTINUED ON NEXT PAGE)

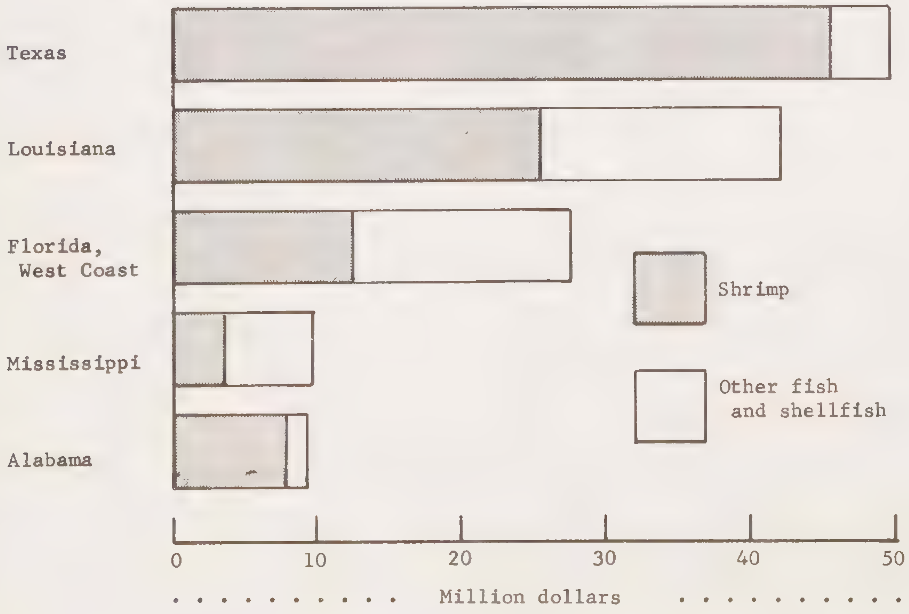
FLORIDA, WEST COAST - CATCH BY GEAR, 1968 - Continued

SPECIES	DREDGES - CONTINUED		TONGS			
	SCALLOP, BAY		OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	2,819,500	$923,290	-	-
FALL	-	-	2,271,800	749,756	-	-
PRIVATE:						
SPRING	-	-	109,500	36,583	-	-
FALL	-	-	79,700	27,990	-	-
SCALLOPS, BAY	130,300	$106,604	-	-	-	-
TOTAL	130,300	106,604	5,280,500	1,737,619	7,100	$3,573

SPECIES	HOOKS				DIVING OUTFITS, SPONGE	
	SPONGE		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALJE
CONCHS	-	-	1,600	$418	-	-
SPONGES:						
GRASS	900	$1,323	-	-	100	$447
SHEEPSWOOL	8,500	50,123	-	-	26,800	277,542
YELLOW	6,400	12,253	-	-	-	-
TOTAL	15,800	63,699	1,600	418	26,900	277,989

SPECIES	BY HAND			
	OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	200	$92
OYSTERS, MARKET, PUBLIC:				
SPRING	22,100	$9,467	-	-
FALL	14,200	6,115	-	-
SCALLOPS, BAY	-	-	12,400	15,487
TOTAL	36,300	15,582	12,600	15,579

VALUE OF CATCH BY STATES, 1968



ALABAMA
OPERATING UNITS BY GEAR, 1968

ITEM	OTTER TRAWLS, SHRIMP	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		GILL NETS, RUNAROUND	TRAMMEL NETS
			CRAB, BLUE	FISH		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	1,164	-	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	227	4	104	2	6	102
CASUAL	67	1	-	1	2	-
TOTAL	1,458	5	104	3	8	102
VESSELS, MOTOR	467	-	-	-	-	-
GROSS TONNAGE	23,718	-	-	-	-	-
BOATS:						
MOTOR	139	5	96	3	6	59
OTHER	-	-	-	-	2	39
GEAR:						
NUMBER	932	125	17,347	105	8	102
SQUARE YARDS	-	-	-	-	4,800	82,700
YARDS AT MOUTH	15,468	-	-	-	-	-

ITEM	LINES		SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	LONG OR SET WITH HOOKS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	108	-	-	14	-	1,283
ON BOATS AND SHORE:						
REGULAR	8	4	17	-	492	669
CASUAL	36	-	21	-	150	243
TOTAL	152	4	38	14	642	2,195
VESSELS, MOTOR	12	-	-	3	-	480
GROSS TONNAGE	702	-	-	59	-	24,452
BOATS:						
MOTOR	44	4	38	-	352	561
OTHER	-	-	-	-	43	82
GEAR:						
NUMBER	136	4	38	6	642	-
YARDS AT MOUTH	-	-	-	9	-	-
HOOKS OR BAITS	682	1,000	-	-	-	-

ALABAMA - CATCH BY GEAR, 1968

SPECIES	OTTER TRAWLS, SHRIMP		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAB, BLUE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,800	$102	-	-	-	-
BUFFALOFISH	-	-	29,600	$3,481	-	-
CABIO	12,300	690	-	-	-	-
CROAKER	1,550,700	168,662	-	-	-	-
DRUM:						
BLACK	9,800	675	-	-	-	-
RED	9,300	979	-	-	-	-
FLOUNDERS	519,700	79,074	-	-	-	-
GROUPERS	15,100	1,790	-	-	-	-
JEWFISH	7,300	585	-	-	-	-
KING WHITING OR "KINGFISH"	677,000	36,402	-	-	-	-
MACKEREL, SPANISH	14,000	895	-	-	-	-
MULLET, BLACK (LISA)	2,500	120	-	-	-	-
PADDLEFISH	-	-	2,600	384	-	-
POMPANO	2,300	1,010	-	-	-	-
SEA CATFISH	45,500	2,259	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	100	4	-	-	-	-
WHITE	323,300	16,309	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	5,700	860	-	-
SALT-WATER	56,300	3,780	-	-	-	-
SNAPPER, RED	313,200	56,980	-	-	-	-
SPOT	34,300	2,598	-	-	-	-

(CONTINUED ON NEXT PAGE)

ALABAMA - CATCH BY GEAR, 1968 - Continued

SPECIES	OTTER TRAWLS, SHRIMP		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAB, BLUE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, HARD	46,300	$3,311	-	-	1,933,300	$155,461
SHRIMP.	15,450,200	7,964,078	-	-	-	-
SQUID	8,900	733	-	-	-	-
TOTAL	19,099,900	8,341,036	37,900	4,725	1,933,300	155,461

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, RUNAROUND		TRAMMEL NETS	
	FISH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	-	-	900	$70	1,200	$101
BLUE RUNNER	-	-	-	-	500	36
CATFISH AND BULLHEADS . . .	14,800	$4,431	-	-	-	-
CROAKER	-	-	-		15,500	992
DRUM:						
BLACK	-	-	-	-	6,700	458
RED	-	-	-	-	7,100	1,047
FLOUNDERS	-	-	-	-	400	120
KING WHITING OR "KINGFISH".	-	-	-	-	23,500	1,176
MACKEREL, SPANISH	-	-	19,200	1,402	5,400	416
MULLET, BLACK (LISA). . . .	-	-	-	-	2,837,400	149,529
POMPANO	-	-	-	-	200	103
SEA CATFISH	-	-	-	-	5,300	291
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-		-	94,600	24,815
WHITE	-	-	-	-	2,400	129
SHEEPSHEAD, SALT-WATER. . .	-	-	-	-	11,900	817
SPOT.	-	-	-	-	11,400	634
TOTAL	14,800	4,431	20,100	1,472	3,023,500	180,664

SPECIES	LINES				SPEARS	
	HAND		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . .	-	-	900	$282	-	-
FLOUNDERS	100	$16	-	-	12,800	$3,794
GROUPERS.	290,900	34,230	-	-	-	-
JEWFISH	108,300	10,081	-	-	-	-
MACKEREL, SPANISH	100	12	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED	6,100	1,703	-	-	-	-
SNAPPER, RED.	900,600	271,032	-	-	-	-
TOTAL	1,306,100	317,074	900	282	12,800	3,794

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	-	-	484,100	$244,215
FALL.	-	-	611,500	305,430
PRIVATE:				
SPRING.	52,300	$26,119	39,400	20,304
FALL.	15,200	7,245	9,300	4,885
TOTAL	67,500	33,364	1,144,300	574,834

GULF FISHERIES

MISSISSIPPI

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS	
			FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	5	328	131	1,195
ON BOATS AND SHORE:				
REGULAR	-	-	-	146
CASUAL	-	-	-	580
TOTAL	5	328	131	1,921
VESSELS, MOTOR	1	18	52	486
GROSS TONNAGE	35	5,652	2,846	21,844
BOATS:				
MOTOR	3	36	-	634
OTHER	1	-	-	-
GEAR:				
NUMBER	1	18	71	1,409
LENGTH, YARDS	600	9,670	-	-
YARDS AT MOUTH	-	-	1,351	18,768

ITEM	POTS AND TRAPS, CRAB, BLUE	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES
				HAND
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	19	201
ON BOATS AND SHORE:				
REGULAR	33	8	18	-
CASUAL	8	-	20	-
TOTAL	41	8	57	201
VESSELS, MOTOR	-	-	6	21
GROSS TONNAGE	-	-	72	1,381
BOATS:				
MOTOR	35	6	47	-
OTHER	-	-	5	-
GEAR:				
NUMBER	3,870	6	38	180
SQUARE YARDS	-	7,200	17,700	-
HOOKS OR BAITS	-	-	-	2,160

ITEM	LINES - CONTINUED	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	TROT WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	554	-	2,175
ON BOATS AND SHORE:				
REGULAR	4	56	310	425
CASUAL	-	-	210	706
TOTAL	4	610	520	3,306
VESSELS, MOTOR	-	191	-	665
GROSS TONNAGE	-	4,657	-	33,282
BOATS:				
MOTOR	4	22	500	1,249
OTHER	-	-	10	16
GEAR:				
NUMBER	4	426	510	-
YARDS AT MOUTH	-	531	-	-
HOOKS OR BAITS	2,400	-	-	-

MISSISSIPPI - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	15,000	$1,200	-	-	-	-
CROAKER	-	-	-	-	33,800	$3,576
DRUM:						
BLACK	-	-	-	-	400	24
RED	-	-	-	-	4,900	458
FLOUNDERS	-	-	-	-	13,300	1,983
KING WHITING OR "KINGFISH"	-	-	-	-	56,500	4,621
MENHADEN	-	-	149,535,400	$2,037,780	-	-
SEA CATFISH	-	-	-	-	37,600	1,950
SEA TROUT OR WEAKFISH, WHITE	-	-	-	-	31,000	2,588
SHEEPSHEAD, SALT-WATER	-	-	-	-	3,600	173
SNAPPER, RED	-	-	-	-	2,500	354
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	67,998,000	1,322,460
TOTAL	15,000	1,200	149,535,400	2,037,780	68,181,600	1,338,187

SPECIES	OTTER TRAWLS - CONTINUED		POTS AND TRAPS, CRAB, BLUE		GILL NETS, RUNAROUND	
	SHRIMP					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	66,600	$6,750
CROAKER	1,396,500	$153,585	-	-	-	-
DRUM:						
BLACK	7,700	417	-	-	-	-
RED	5,100	416	-	-	-	-
FLOUNDERS	124,500	16,456	-	-	-	-
GROUPERS	4,800	430	-	-	-	-
KING WHITING OR "KINGFISH"	180,800	10,496	-	-	-	-
MACKEREL, SPANISH	3,000	240	-	-	110,700	10,952
POMPANO	1,300	378	-	-	5,600	3,290
SEA CATFISH	8,200	412	-	-	-	-
SEA TROUT OR WEAKFISH, WHITE	278,900	19,956	-	-	-	-
SHEEPSHEAD, SALT-WATER	8,700	566	-	-	-	-
SNAPPER, RED	71,800	10,434	-	-	-	-
SPOT	7,200	568	-	-	-	-
CRABS, BLUE:						
HARD	-	-	1,116,400	$106,503	-	-
SOFT AND PEELER	-	-	1,300	227	-	-
SHRIMP, SALT-WATER	10,193,400	3,677,380	-	-	-	-
TOTAL	12,291,900	3,891,734	1,117,700	106,730	182,900	20,992

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,900	$205	-	-	-	-
CABIO	-	-	1,500	$175	-	-
CREVALLE	1,500	75	-	-	-	-
CROAKER	700	47	-	-	-	-
DRUM:						
BLACK	66,400	3,817	-	-	-	-
RED	204,600	30,613	-	-	-	-
GROUPERS	-	-	324,000	37,280	-	-
MACKEREL, SPANISH	500	50	-	-	-	-
MULLET, BLACK (LISA)	947,000	47,772	-	-	-	-
SEA CATFISH	5,400	275	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	268,500	66,546	-	-	-	-
WHITE	1,000	62	-	-	-	-
SHEEPSHEAD, SALT-WATER	51,100	4,046	-	-	-	-
SNAPPER, RED	-	-	3,651,400	1,107,242	-	-
SPOT	400	20	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	20,000	$1,800
TOTAL	1,549,000	153,528	3,976,900	1,144,697	20,000	1,800

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:				
PUBLIC:				
SPRING	2,560,900	$678,430	203,800	$67,964
FALL	596,800	271,581	209,300	92,353
PRIVATE, SPRING	215,400	52,700	-	-
TOTAL	3,373,100	1,002,711	413,100	160,317

GULF FISHERIES

LOUISIANA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	BUTTERFLY NETS, SHRIMP	OTTER TRAWLS		FYKE AND HOOP NETS, FISH
				FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	1,028	35	44	3,824	-
ON BOATS AND SHORE:						
REGULAR	26	-	671	-	2,910	188
CASUAL.	-	-	37	-	1,510	128
TOTAL	26	1,028	743	44	8,244	316
VESSELS, MOTOR.	-	60	20	18	1,447	-
GROSS TONNAGE	-	22,329	355	1,117	74,573	-
BOATS:						
MOTOR	8	120	383	-	3,471	311
OTHER	6	-	-	-	-	-
GEAR:						
NUMBER.	7	60	806	27	6,068	10,050
LENGTH, YARDS	1,900	33,254	-	-	-	-
YARDS AT MOUTH.	-	-	3,424	530	92,674	-

ITEM	POTS AND TRAPS			GILL NETS		TRAMMEL NETS
	CRAB, BLUE	CRAWFISH	FISH	ANCHOR, SET OR STAKE	RUNAROUND	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	3	-	3
ON BOATS AND SHORE:						
REGULAR	474	101	95	95	12	105
CASUAL.	103	78	17	23	-	27
TOTAL	577	179	112	121	12	135
VESSELS, MOTOR.	-	-	-	1	-	1
GROSS TONNAGE	-	-	-	18	-	19
BOATS:						
MOTOR	391	169	92	104	4	67
OTHER	-	-	-	-	-	23
GEAR:						
NUMBER.	65,550	13,930	2,204	192	4	64
SQUARE YARDS.	-	-	-	58,595	7,200	25,524

ITEM	LINES			DIP NETS		DREDGES, OYSTER, COMMON
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	DROP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	15	-	-	-	-	626
ON BOATS AND SHORE:						
REGULAR	9	535	416	-	94	337
CASUAL.	87	344	146	7	38	51
TOTAL	111	879	562	7	132	1,014
VESSELS, MOTOR.	5	-	-	-	-	231
GROSS TONNAGE	332	-	-	-	-	4,460
BOATS:						
MOTOR	68	879	537	-	132	199
OTHER	-	-	-	7	-	-
GEAR:						
NUMBER.	115	1,433	562	7	10,532	775
YARDS AT MOUTH.	-	-	-	-	-	915
HOOKS OR BAITS.	162	459,650	350,600	-	-	-

ITEM	TONGS, OYSTER	BRUSH TRAPS	GRABS, FROG	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	-	-	-	5,476
ON BOATS AND SHORE:					
REGULAR	93	88	26	20	3,566
CASUAL.	6	-	-	-	1,958
TOTAL	99	88	26	20	11,000
VESSELS, MOTOR.	-	-	-	-	1,734
GROSS TONNAGE	-	-	-	-	101,790
BOATS:					
MOTOR	60	88	26	20	4,520
OTHER	6	-	-	-	40
GEAR, NUMBER.	99	35,200	26	-	-

LOUISIANA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		BUTTERFLY NETS, SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	15,000	$1,971	-	-	-	-
DRUM:						
BLACK	36,000	2,489	-	-	-	-
RED	43,700	5,943	-	-	-	-
FLOUNDERS	100	20	-	-	-	-
GARFISH	9,400	722	-	-	-	-
MACKEREL, SPANISH	1,400	141	-	-	-	-
MENHADEN	-	-	622,291,300	$7,739,602	-	-
MULLET, BLACK (LISA)	9,200	338	-	-	-	-
SAWFISH	300	18	-	-	-	-
SEA CATFISH	18,000	1,603	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	33,700	8,148	-	-	-	-
SHARKS, UNCLASSIFIED	400	19	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	4,300	461	-	-	-	-
SALT-WATER	4,400	244	-	-	-	-
SPOT	1,000	47	-	-	-	-
TRIPLETAIL	100	11	-	-	-	-
SHRIMP, FRESH-WATER	-	-	-	-	2,214,300	$758,162
TOTAL	177,000	22,175	622,291,300	7,739,602	2,214,300	758,162

SPECIES	OTTER TRAWLS				FYKE AND HOOP NETS, FISH	
	FISH		SHRIMP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	6,900	$367
BUFFALOFISH	-	-	-	-	388,500	51,087
CABIO	-	-	1,500	$125	-	-
CARP	-	-	-	-	19,900	569
CATFISH AND BULLHEADS	-	-	-	-	767,700	220,559
CROAKER	-	-	32,900	2,618	-	-
DRUM:						
BLACK	-	-	10,300	718	-	-
RED	-	-	16,800	2,293	-	-
FLOUNDERS	-	-	208,600	34,759	-	-
GARFISH	-	-	-	-	4,900	378
GROUPERS	-	-	3,500	250	-	-
JEWFISH	-	-	200	12	-	-
KING WHITING OR "KINGFISH"	-	-	540,300	33,878	-	-
MACKEREL, SPANISH	-	-	7,300	724	-	-
MULLET, BLACK (LISA)	-	-	5,100	184	49,000	1,794
PADDLEFISH	-	-	-	-	900	68
POMPANO	-	-	4,300	2,666	-	-
SAWFISH	-	-	1,500	102	-	-
SEA CATFISH	-	-	32,600	2,903	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	9,100	2,242	-	-
WHITE	-	-	47,800	4,457	-	-
SHARKS, UNCLASSIFIED	-	-	700	36	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	-	-	117,800	12,611
SALT-WATER	-	-	55,900	3,138	-	-
SNAPPER, RED	-	-	133,200	35,267	-	-
SPOT	-	-	5,300	252	-	-
TRIPLETAIL	-	-	5,000	415	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION AND ANIMAL FOOD	31,262,400	$455,067	-	-	1,600	20
CRABS, BLUE, HARD	-	-	448,600	37,440	-	-
SHRIMP	-	-	65,553,900	24,864,298	-	-
SQUID	-	-	700	84	-	-
TERRAPIN	-	-	2,100	858	-	-
TURTLES:						
GREEN	-	-	1,000	184	-	-
SNAPPER	-	-	-	-	1,400	409
TOTAL	31,262,400	455,067	67,128,200	25,029,903	1,358,600	287,862

(CONTINUED ON NEXT PAGE)

LOUISIANA - CATCH BY GEAR, 1968 - Continued

SPECIES	POTS AND TRAPS					
	CRAB, BLUE		CRAWFISH		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . .	-	-	-	-	313,200	$89,733
CRABS, BLUE:						
HARD.	5,414,000	$461,992	-	-	-	-
SOFT.	87,600	70,662	-	-	-	-
CRAWFISH, FRESH-WATER , . .	-	-	1,913,100	$340,528	-	-
TOTAL	5,501,600	532,654	1,913,100	340,528	313,200	89,733

SPECIES	GILL NETS				TRAMMEL NETS	
	ANCHOR, SET OR STAKE		RUNAROUND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	1,700	$90	-	-	-	-
BUFFALOFISH	156,900	20,568	-	-	49,400	$6,518
CARP.	15,500	428	-	-	1,500	44
CATFISH AND BULLHEADS . . .	178,300	52,043	-	-	25,800	7,413
CROAKER	-	-	-	-	57,300	4,553
DRUM:						
BLACK	12,500	866	-	-	295,700	20,431
RED	33,400	5,249	-	-	630,100	85,797
FLOUNDERS	38,900	9,949	-	-	17,700	2,906
GARFISH	509,100	38,746	-	-	23,500	1,798
KING WHITING OR "KINGFISH".	-	-	-	-	16,500	1,025
MULLET, BLACK (LISA). . . .	-	-	-	-	10,600	380
PADDLEFISH.	2,200	178	-	-	-	-
POMPANO	-	-	31,200	$19,793	-	-
SAWFISH	-	-	-	-	600	37
SEA CATFISH	-	-	-	-	8,800	787
SEA TROUT OR WEAKFISH:						
SPOTTED	2,300	677	-	-	556,500	137,080
WHITE	-	-	-	-	57,900	5,378
SHARKS, UNCLASSIFIED. . . .	3,100	166	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	42,800	4,630	-	-	6,700	731
SALT-WATER.	-	-	-	-	98,100	5,507
SPOT.	-	-	-	-	3,000	143
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	6,400	183	-	-	-	-
TOTAL	1,003,100	133,773	31,200	19,793	1,859,700	280,528

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO	900	$76	-	-	-	-
CATFISH AND BULLHEADS . . .	-	-	2,112,100	$608,541	-	-
DRUM:						
BLACK	4,100	288	1,300	164	-	-
RED	16,700	2,262	200	27	-	-
FLOUNDERS	5,700	859	-	-	-	-
GARFISH	-	-	3,400	226	-	-
GROUPERS.	2,700	196	-	-	-	-
KING WHITING OR "KINGFISH".	500	29	-	-	-	-
MACKEREL, SPANISH	1,100	120	-	-	-	-
PADDLEFISH.	-	-	300	17	-	-
POMPANO	5,500	3,511	-	-	-	-
SEA CATFISH	500	45	9,000	803	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	17,200	4,243	200	49	-	-
WHITE	7,200	671	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	400	43	-	-
SALT-WATER.	2,900	159	-	-	-	-
SNAPPER, RED.	143,700	37,612	-	-	-	-
WARSAW.	100	10	-	-	-	-
CRABS, BLUE:						
HARD.	-	-	-	-	2,869,000	$239,171
SOFT.	-	-	-	-	39,200	31,563
TURTLES, SNAPPER.	8,800	2,502	4,800	1,372	-	-
TOTAL.	217,600	52,583	2,131,700	611,242	2,908,200	270,734

(CONTINUED ON NEXT PAGE)

LOUISIANA - CATCH BY GEAR, 1968 - Continued

SPECIES	DIP NETS			
	COMMON		DROP	
	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:				
HARD.	-	-	819,200	$68,691
SOFT.	-	-	51,000	41,122
CRAWFISH, FRESH-WATER . . .	-	-	81,000	14,418
TURTLES, BABY	100	$1,100	-	-
TOTAL	100	1,100	951,200	124,231

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	1,225,500	$394,978	-	-
FALL.	332,700	193,928	22,300	$12,565
PRIVATE:				
SPRING.	7,645,300	2,460,067	104,600	33,693
FALL.	3,670,400	2,140,915	115,700	67,409
TOTAL.	12,873,900	5,189,888	242,600	113,667

SPECIES	BRUSH TRAPS		GRABS, FROG		BY HAND, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT	106,200	$63,051	-	-	-	-
OYSTERS, MARKET, PRIVATE, SPRING	-	-	-	-	4,700	$1,501
TURTLES, SNAPPER.	-	-	11,700	$6,960	-	-
TOTAL	106,200	63,051	11,700	6,960	4,700	1,501

GULF FISHERIES

TEXAS

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, SHRIMP	POTS AND TRAPS, CRAB, BLUE	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	153	4,932	-	-	-
ON BOATS AND SHORE:						
REGULAR	47	-	601	74	38	95
CASUAL.	27	-	418	7	8	7
TOTAL	74	153	5,951	81	46	102
VESSELS, MOTOR.	-	9	1,815	-	-	-
GROSS TONNAGE	-	3,121	115,643	-	-	-
BOATS:						
MOTOR	25	18	781	80	44	79
OTHER	-	-	-	-	-	46
GEAR:						
NUMBER.	25	9	4,193	12,820	44	79
LENGTH, YARDS	5,400	4,230	-	-	-	-
SQUARE YARDS.	-	-	-	-	19,660	36,633
YARDS AT MOUTH.	-	-	67,800	-	-	-

ITEM	LINES		SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	LONG OR SET WITH HOOKS					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	238	-	-	321	-	-	5,391
ON BOATS AND SHORE:							
REGULAR	-	103	54	258	33	2	850
CASUAL.	266	16	45	-	10	-	748
TOTAL	504	119	99	579	43	2	6,989
VESSELS, MOTOR.	50	-	-	145	-	-	1,903
GROSS TONNAGE	2,636	-	-	2,504	-	-	120,937
BOATS:							
MOTOR	136	119	67	121	43	2	1,219
OTHER	-	-	4	-	-	-	46
GEAR:							
NUMBER.	495	119	94	266	43	-	-
YARDS AT MOUTH.	-	-	-	266	-	-	-
HOOKS OR BAITS.	3,039	121,700	-	-	-	-	-

TEXAS - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	-	-	-	-	131,400	$5,176
DRUM:						
BLACK	22,700	$1,764	-	-	32,800	2,341
RED	32,800	7,368	-	-	3,700	774
FLOUNDERS	200	42	-	-	296,300	65,059
GROUPERS.	-	-	-	-	8,500	870
KING WHITING OR "KINGFISH".	200	22	-	-	119,700	6,094
MENHADEN.	-	-	51,073,400	$674,242	-	-
MULLET, BLACK (LISA). . . .	6,000	378	-	-	19,500	959
POMPANO	700	309	-	-	200	65
SEA CATFISH	200	10	-	-	71,600	5,463
SEA TROUT OR WEAKFISH:						
SPOTTED	345,500	70,938	-	-	4,100	892
WHITE	2,500	248	-	-	4,100	442
SHEEPSHEAD, SALT-WATER. . .	16,500	1,212	-	-	111,500	9,116
SNAPPER, RED.	-	-	-	-	81,500	24,810
UNCLASSIFIED:						
FOR FOOD.	-	-	-	-	182,000	9,650
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	79,000	3,287
CRABS, BLUE, HARD	-	-	-	-	231,900	15,528
SHRIMP.	-	-	-	-	83,336,000	45,869,585
SQUID	-	-	-	-	11,200	1,223
TOTAL	427,300	82,291	51,073,400	674,242	84,725,000	46,021,334

(CONTINUED ON NEXT PAGE)

TEXAS - CATCH BY GEAR, 1968 - Continued

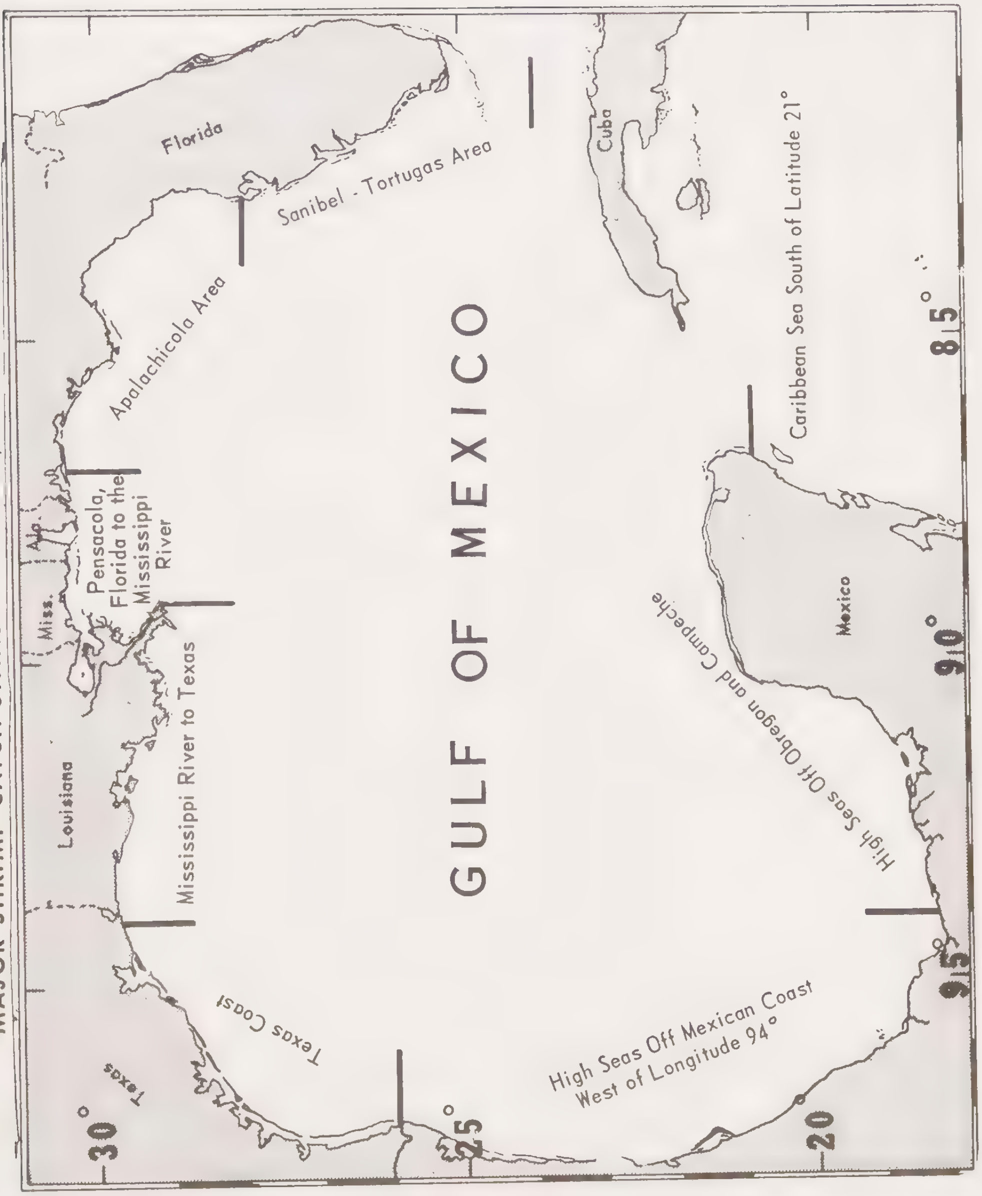
SPECIES	POTS AND TRAPS, CRAB, BLUE		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	22,000	$3,300	-	-
CROAKER	-	-	1,900	149	2,200	$206
DRUM:						
BLACK	-	-	25,600	2,432	237,500	33,038
RED	-	-	55,900	13,080	302,700	69,108
FLOUNDERS	-	-	-	-	2,100	452
GARFISH	-	-	45,000	1,800	-	-
MULLET, BLACK (LISA). . . .	-	-	-	-	2,000	100
SEA CATFISH	-	-	-	-	600	30
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	154,700	35,408	712,200	157,484
WHITE	-	-	-	-	13,400	1,353
SHEEPSHEAD, SALT-WATER. . .	-	-	200	13	23,300	2,525
UNCLASSIFIED, FOR FOOD. . .	-	-	-	-	11,900	784
CRABS, BLUE, HARD	3,851,700	$313,725	-	-	-	-
TOTAL	3,851,700	313,725	305,300	56,182	1,307,900	265,080

SPECIES	LINES				SPEARS	
	HAND		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO	23,900	$2,886	-	-	-	-
CATFISH AND BULLHEADS . . .	-	-	6,300	$2,205	-	-
CROAKER	-	-	3,100	292	-	-
DRUM:						
BLACK	25,400	3,713	333,400	43,766	-	-
RED	24,400	5,635	505,400	119,504	-	-
FLOUNDERS	5,300	1,398	20,900	5,405	11,400	$3,082
GROUPERS.	84,500	8,776	-	-	-	-
MACKEREL, SPANISH	3,000	331	-	-	-	-
POMPANO	3,100	1,437	-	-	-	-
SEA CATFISH	900	127	500	49	-	-
SEA TROUT OR WEAKFISH,						
SPOTTED.	83,900	20,252	570,900	134,176	-	-
SHEEPSHEAD, SALT-WATER. . .	4,600	390	36,900	3,056	-	-
SNAPPER, RED.	1,046,000	342,033	-	-	-	-
WARSAW.	7,400	866	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	-	-	900	85	-	-
TOTAL	1,312,400	387,844	1,478,300	308,538	11,400	3,082

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER		BY HAND, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	1,960,700	$852,131	28,800	$12,323	1,800	$875
FALL.	1,121,500	488,274	19,300	8,416	800	400
PRIVATE:						
SPRING.	88,800	38,057	-	-	-	-
FALL.	80,300	44,138	-	-	-	-
TOTAL	3,251,300	1,422,600	48,100	20,739	2,600	1,275

GULF FISHERIES

MAJOR SHRIMP CATCH STATISTICAL AREAS, GULF OF MEXICO


GULF OF MEXICO
Florida
Sanibel - Tortugas Area
Apalachicola Area
Pensacola, Florida to the Mississippi River
Ala.
Miss.
Louisiana
Mississippi River to Texas
Texas
Texas Coast
High Seas Off Mexican Coast West of Longitude 94°
High Seas Off Obregon and Campeche
Mexico
Cuba
Caribbean Sea South of Latitude 21°
30°
25°
20
85°
90°
95°

GULF SHRIMP FISHERY, 1968

Landings of 128.2 million pounds of shrimp (heads-off) were 13.2 million (9 percent) less than in 1967. The decline resulted largely from a smaller harvest of brown shrimp in Louisiana and Texas waters. The catch of both pink and white shrimp also declined in Louisiana, but increased slightly in Texas. The combined landings of all species from Louisiana and Texas waters supplied 74 percent of the Gulf States shrimp production.

Compared with 1967, shrimp landings at other major fishing grounds increased moderately. High seas off the Mexican coast west of long. 94° W. yielded 8.1 million pounds--2.9 million more than in the previous year; in the Apalachicola Area landings of 3.6 million pounds increased 1.7 million. Smaller gains occurred in catches taken from the Obregon-Campeche grounds, the Sanibel-Tortugas grounds, and from Pensacola to the Mississippi River.

Brown shrimp accounted for 61 percent of the total landings; white shrimp, 24 percent; and pink shrimp, 15 percent. In 1967, brown shrimp were 71 percent of the total; white shrimp, 18 percent; and pink shrimp, 11 percent. Small quantities of seabobs and royal red shrimp were also landed during both years.

In 1968, large shrimp (15, 15-20, 21-25, and 26-30 tails per pound) were 34 percent of the landings compared with 38 percent in 1967; medium (31-40 and 41-50 tails per pound) were 32 percent compared with 33 percent in 1967; and small shrimp (51 and more tails per pound) were 34 percent--compared with 29 percent in the previous year.

The exvessel value of the shrimp catch was a record $95.8 million--$5.3 million (6 percent) greater than in 1967. The average price per pound for all species combined increased sharply--reflecting a steady market demand and upward price trend. In 1968, fishermen received an average price of 72 cents per pound for brown shrimp, 79 for pink, and 81 for white shrimp--compared with 60 cents for brown, 76 for pink, and 74 for white shrimp in 1967.

AVERAGE ANNUAL EXVESSEL PRICE PER POUND OF GULF SHRIMP, BY SIZE, 1963-68
(All species combined)

Size (Heads-off shrimp per pound)	1963	1964	1965	1966	1967	1968
Under 15	$ .85	$ .87	$ .92	$1.12	$1.16	$1.14
15-20	.81	.80	.85	1.03	1.04	1.26
21-25	.72	.72	.76	.97	.87	1.14
26-30	.62	.65	.69	.92	.75	1.02
31-40	.52	.56	.60	.81	.64	.79
41-50	.43	.47	.52	.70	.56	.63
51-67	.31	.38	.44	.57	.46	.49
68 and over	.19	.27	.29	.37	.28	.31
Average price, all sizes combined	.49	.55	.58	.74	.64	.75

The following tabulations include information on the species of shrimp taken in the Gulf, by size; the number of fishing trips; and the catch by area, depth, and size. Catch figures represent the heads-off weight and, therefore, are not directly comparable with the heads-on (live weight) quantities published in the General Review and regional tables. Pounds of heads-off shrimp may be converted to heads-on (round) weight by multiplying brown shrimp weight by 1.61; pink, by 1.60; white, by 1.54; seabobs, by 1.53; and royal red, by 1.80.

Information on the landings and catch of shrimp in the Gulf area in the following tables has been published previously in Current Fishery Statistics No. 5132. Data on landings and value of shrimp by species and size for the South Atlantic States are included in Section 5 of this digest.

SUMMARY OF GULF SHRIMP CATCH, 1968

SIZE	BROWN		PINK	
	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	1,513,345	$2,159,070	175,689	$223,403
15-20	6,145,581	7,711,222	1,133,394	1,301,091
21-25	8,682,420	9,955,283	2,464,050	2,640,149
26-30	8,103,950	8,196,469	2,658,431	2,555,747
31-40	17,288,479	13,463,552	5,000,430	3,944,343
41-50	8,645,743	5,267,889	2,471,664	1,589,545
51-67	9,138,260	4,387,475	2,987,146	1,442,871
68 AND OVER	19,363,504	5,653,293	749,337	263,428
TOTAL	78,881,282	56,794,253	17,640,141	13,960,577

SIZE	WHITE		SEA BOBS	
	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	802,339	$1,130,954	690,046	$127,713
15-20	3,356,665	4,413,540	-	-
21-25	4,079,119	4,759,540	-	-
26-30	3,418,512	3,686,102	-	-
31-40	5,132,637	4,253,654	-	-
41-50	2,499,661	1,658,376	-	-
51-67	5,102,947	2,605,486	-	-
68 AND OVER	6,526,026	2,383,958	-	-
TOTAL	30,917,906	24,891,610	690,046	127,713

SIZE	ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	-	-	3,181,419	$3,641,140
15-20	105	$132	10,635,745	13,425,985
21-25	2,799	3,214	15,228,388	17,358,186
26-30	16,827	16,941	14,197,720	14,455,259
31-40	50,528	41,309	27,472,074	21,702,858
41-50	427	299	13,617,495	8,516,109
51-67	1,128	692	17,229,481	8,436,524
68 AND OVER.	1,052	469	26,639,919	8,301,148
TOTAL	72,866	63,056	128,202,241	95,837,209

GULF SHRIMP CATCH BY SPECIES AND SIZE, 1968

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	10,084	$13,058	139,728	$188,344	663	$951
15 - 20	59,902	84,600	695,236	880,826	152,954	187,121
21 - 25	91,812	108,371	1,148,761	1,337,848	130,860	149,651
26 - 30	104,807	106,813	1,093,987	1,133,989	222,526	214,772
31 - 40	258,047	192,229	1,349,607	1,103,466	661,786	497,914
41 - 50	154,679	89,989	916,619	666,292	868,165	500,080
51 - 67	658,967	315,050	1,578,347	774,230	1,875,325	878,221
68 AND OVER	348,557	135,764	1,465,816	519,371	1,868,434	690,254
TOTAL	1,686,855	1,045,874	8,388,101	6,604,366	5,780,713	3,118,964
PINK:						
UNDER 15	34,294	40,426	2,805	3,895	-	-
15 - 20	658,545	732,151	49,797	60,169	4,411	5,564
21 - 25	1,897,936	2,017,006	55,371	60,243	28,971	34,250
26 - 30	2,112,730	2,013,528	63,157	63,709	38,244	40,510
31 - 40	4,097,794	3,220,409	69,739	59,363	51,102	46,333
41 - 50	2,182,343	1,403,139	21,271	14,493	28,748	17,121
51 - 67	2,735,989	1,291,744	17,334	11,891	34,265	17,556
68 AND OVER	745,939	261,532	2,042	1,130	1,356	766
TOTAL	14,465,570	10,979,935	281,516	274,893	187,097	162,100
WHITE:						
UNDER 15	-	-	16,979	24,284	-	-
15 - 20	61,275	75,673	291,587	397,317	64,916	82,441
21 - 25	142,971	159,358	303,885	362,664	173,426	199,802
26 - 30	148,167	146,753	124,945	130,851	51,316	48,926
31 - 40	133,244	106,309	94,752	80,892	39,554	32,925
41 - 50	110,307	68,954	54,752	38,280	25,334	17,202
51 - 67	152,823	71,886	42,103	23,754	17,083	9,776
68 AND OVER	98,424	32,394	10,893	4,782	7,121	3,005
TOTAL	847,211	661,327	939,896	1,062,824	378,750	394,077
SEA BOBS, UNDER 15	61,663	9,187	-	-	-	-
ROYAL RED:						
21 - 25	-	-	170	175	487	583
26 - 30	-	-	880	889	1,624	1,656
31 - 40	9,520	7,383	24,952	20,783	-	-
41 - 50	-	-	255	148	-	-
TOTAL	9,520	7,383	26,257	21,995	2,111	2,239
GRAND TOTAL	17,070,819	12,703,706	9,635,770	7,964,078	6,348,671	3,677,380

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	476,906	$653,426	885,964	$1,303,291	1,513,345	$2,159,070
15 - 20	1,128,541	1,424,076	4,108,948	5,134,599	6,145,581	7,711,222
21 - 25	1,072,805	1,218,065	6,238,182	7,141,348	8,682,420	9,955,283
26 - 30	978,232	969,683	5,704,398	5,771,212	8,103,950	8,196,469
31 - 40	2,986,063	2,280,742	12,032,976	9,389,201	17,288,479	13,463,552
41 - 50	1,464,898	887,733	5,241,382	3,123,795	8,645,743	5,267,889
51 - 67	2,544,476	1,209,055	2,481,145	1,210,919	9,138,260	4,387,475
68 AND OVER	15,333,133	4,204,696	347,564	103,208	19,363,504	5,653,293
TOTAL	25,985,054	12,847,476	37,040,559	33,177,573	78,881,282	56,794,253
PINK:						
UNDER 15	425	559	138,165	178,523	175,689	223,403
15 - 20	1,590	1,845	419,051	501,362	1,133,394	1,301,091
21 - 25	1,610	1,696	480,162	526,954	2,464,050	2,640,149
26 - 30	1,260	1,083	443,040	436,917	2,658,431	2,555,747
31 - 40	2,305	1,470	779,490	616,768	5,000,430	3,944,343
41 - 50	815	773	238,487	154,019	2,471,664	1,589,545
51 - 67	485	243	199,073	121,437	2,987,146	1,442,871
68 AND OVER	-	-	-	-	749,337	263,428
TOTAL	8,490	7,669	2,697,468	2,535,980	17,640,141	13,960,577
WHITE:						
UNDER 15	289,177	418,090	496,183	688,580	802,339	1,130,954
15 - 20	1,974,497	2,629,374	964,390	1,228,735	3,356,665	4,413,540
21 - 25	2,119,072	2,514,453	1,339,765	1,523,263	4,079,119	4,759,540
26 - 30	1,543,320	1,630,491	1,550,764	1,729,081	3,418,512	3,686,102
31 - 40	2,101,400	1,769,808	2,763,687	2,263,720	5,132,637	4,253,654
41 - 50	1,088,370	719,330	1,220,898	814,610	2,499,661	1,658,376
51 - 67	2,102,967	1,086,472	2,787,971	1,413,598	5,102,947	2,605,486
68 AND OVER	5,061,136	1,874,987	1,348,452	468,790	6,526,026	2,383,958
TOTAL	16,279,939	12,643,005	12,472,110	10,130,377	30,917,906	24,891,610
SEA BOBS, UNDER 15	525,823	102,833	102,560	15,693	690,046	127,713
ROYAL RED:						
15 - 20	105	132	-	-	105	132
21 - 25	2,142	2,456	-	-	2,799	3,214
26 - 30	8,584	8,814	5,739	5,582	16,827	16,941
31 - 40	10,709	8,660	5,347	4,483	50,528	41,309
41 - 50	172	151	-	-	427	299
51 - 67	944	582	184	110	1,128	692
68 AND OVER	785	314	267	155	1,052	469
TOTAL	23,441	21,109	11,537	10,330	72,866	63,056
GRAND TOTAL	42,822,747	25,622,092	52,324,234	45,869,953	128,202,241	95,837,209

SEE NOTE ON PAGE 261.

GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1968

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND) UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 AND OVER	TOTAL
	NUMBER	POUNDS								
SANIBEL AND TORTUGAS										
0 - 5 FATHOMS: PINK		-	-	-	-	175	-	-	-	175
6 - 15 FATHOMS: BROWN		-	-	-	-	-	-	-	163	163
6 - 20 FATHOMS: PINK		3,086	173,120	920,127	963,994	2,653,267	1,760,829	2,317,501	572,607	9,364,531
21 - 40 FATHOMS: PINK		1,532	94,217	118,733	44,516	64,875	10,209	3,555	485	338,122
21 - 200 FATHOMS: ROYAL RED		-	-	-	-	9,520	-	-	-	9,520
TOTAL	7,175.8	4,618	267,337	1,038,860	1,008,510	2,727,837	1,771,038	2,321,056	573,255	9,712,511
APALACHICOLA AREA										
0 - 5 FATHOMS: BROWN		-	1,294	11,897	46,772	173,869	134,224	645,577	345,202	1,358,835
PINK		359	1,214	3,734	30,065	170,548	176,553	273,855	152,003	808,331
WHITE		-	15,771	39,386	94,856	104,201	96,174	140,057	97,752	588,197
SEA BOBS		61,663	-	-	-	-	-	-	-	61,663
6 - 10 FATHOMS: BROWN		-	-	-	-	2,585	503	2,190	903	6,181
6 - 15 FATHOMS: WHITE		-	1,297	19,145	25,069	16,187	13,051	10,144	611	85,504
6 - 20 FATHOMS: PINK		483	22,583	135,082	221,277	99,251	78,397	130,103	20,585	707,761
TOTAL	12,119.6	62,505	42,159	209,244	418,039	566,641	498,902	1,201,926	617,056	3,616,472
PENSACOLA TO MISSISSIPPI RIVER										
0 - 5 FATHOMS: BROWN		488	4,314	25,870	102,756	498,728	894,202	2,358,819	4,006,055	7,891,232
PINK		-	-	2,501	9,287	20,406	7,092	12,404	1,620	53,310
WHITE		511	179,552	313,375	205,467	194,951	139,819	257,570	169,772	1,461,017
6 - 20 FATHOMS: BROWN		11,023	71,351	153,145	242,126	918,431	913,418	1,553,752	1,097,919	4,961,165
PINK		1,518	6,732	29,262	32,581	32,524	29,429	30,675	1,292	164,013
WHITE		5,954	202,169	263,892	81,112	85,837	36,844	23,087	9,252	708,147
ROYAL RED		-	-	-	-	1,040	-	-	-	1,040
21 - 25 FATHOMS: PINK		-	-	-	-	1,520	620	-	-	2,140
21 - 35 FATHOMS: WHITE		811	15,886	15,520	3,350	1,643	674	167	-	38,051
21 - 45 FATHOMS: BROWN		79,771	549,720	898,058	808,560	959,219	404,972	234,719	10,290	3,945,309
21 - 230 FATHOMS: ROYAL RED		-	-	657	14,273	36,970	255	184	1,052	53,391
TOTAL	48,829.3	100,076	1,029,724	1,702,280	1,499,512	2,751,269	2,427,325	4,471,377	5,297,252	19,278,815
MISSISSIPPI RIVER TO TEXAS										
0 - 5 FATHOMS: BROWN		102	672	2,859	27,319	159,925	162,705	996,644	13,034,155	14,384,381
WHITE		46,125	608,573	993,868	899,241	1,217,339	786,553	1,701,944	5,060,187	11,313,830
SEA BOBS		628,383	-	-	-	-	-	-	-	628,383
6 - 10 FATHOMS: PINK		-	-	-	-	-	282	-	-	282
ROYAL RED		-	-	-	-	-	-	831	-	831
6 - 20 FATHOMS: BROWN		79,265	376,114	527,346	568,747	1,916,204	1,034,294	984,649	566,478	6,053,097
WHITE		251,624	1,363,647	1,062,559	595,526	786,890	265,085	243,625	170,913	4,739,869
21 - 40 FATHOMS: PINK		-	8,481	4,565	-	-	-	-	-	13,046
21 - 45 FATHOMS: WHITE		1,176	6,084	6,085	3,306	1,319	1,105	748	146	19,969
21 - 50 FATHOMS: BROWN		499,620	1,735,457	953,161	721,494	1,012,835	195,937	83,069	12,772	5,214,345
21 - 215 FATHOMS: ROYAL RED		-	105	2,142	2,554	2,998	172	113	-	8,084
TOTAL	157,230.3	1,506,295	4,099,133	3,552,585	2,818,187	5,097,510	2,446,133	4,011,623	18,844,651	42,376,117
TEXAS COAST										
0 - 5 FATHOMS: BROWN		-	1,909	3,322	597	29,358	101,581	91,700	133,204	361,671
WHITE		226,096	339,923	697,079	938,208	1,870,197	925,042	2,541,232	953,433	8,491,210
6 - 15 FATHOMS: PINK		-	-	208	7,105	6,259	835	30	-	14,437
5 - 20 FATHOMS: BROWN		66,781	787,477	2,107,237	3,722,526	7,992,813	3,323,424	1,270,941	156,163	19,427,362
WHITE		128,323	368,448	535,759	534,359	807,983	219,677	175,030	63,894	2,833,473
21 - 25 FATHOMS: PINK		280	215	-	-	-	-	-	-	495
21 - 40 FATHOMS: WHITE		875	7,133	4,740	3,537	3,177	2,841	1,760	5	24,068
21 - 75 FATHOMS: BROWN		208,662	1,448,277	2,585,057	971,781	1,398,203	579,531	307,108	120	7,498,739
TOTAL	46,947.6	631,017	2,953,362	5,933,402	6,178,113	12,107,990	5,152,931	4,387,801	1,306,819	38,651,455

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1968 - Continued

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)								TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 AND OVER	
	NUMBER	POUNDS								
OFF MEXICAN COAST WEST OF 94° LONGITUDE										
0 - 5 FATHOMS: BROWN		75	499	1,140	1,085	1,193	325	165	-	4,482
WHITE		6,114	14,913	8,799	1,297	2,771	976	905	-	35,775
6 - 20 FATHOMS: BROWN		22,458	67,359	109,316	114,121	281,863	264,943	229,914	-	1,089,974
PINK		-	-	-	-	-	-	1,725	-	1,725
WHITE		123,335	202,765	69,266	19,928	31,759	10,672	5,782	-	463,507
21 - 35 FATHOMS: PINK		1,690	3,235	2,410	1,515	4,580	230	525	-	14,185
WHITE		3,168	5,754	1,720	568	1,050	80	-	-	12,340
21 - 45 FATHOMS: BROWN		514,830	1,063,362	1,257,933	746,811	1,865,720	625,105	373,054	80	6,446,895
TOTAL	3,223.5	671,670	1,357,887	1,450,584	885,325	2,188,936	902,331	612,070	80	8,068,883
OFF OBREGON AND CAMPECHE										
6 - 20 FATHOMS: BROWN		5,624	9,356	11,856	5,014	13,814	4,104	3,458	-	53,226
PINK		88,467	417,219	803,591	857,816	1,378,988	350,343	163,713	215	4,060,352
WHITE		5,435	17,980	3,009	114	55	45	15	-	26,653
21 - 30 FATHOMS: WHITE		2,477	5,530	1,357	328	503	545	15	-	10,755
21 - 35 FATHOMS: BROWN		25,529	30,894	37,103	23,225	36,122	7,468	3,436	-	163,777
21 - 40 FATHOMS: PINK		78,555	408,550	416,805	417,498	555,699	62,176	57,697	530	1,997,510
TOTAL	1,114.6	206,087	889,529	1,273,721	1,303,995	1,985,181	424,681	228,336	745	6,312,273
CARIBBEAN SEA SOUTH OF 21° NORTH LATITUDE										
6 - 15 FATHOMS: WHITE		-	-	37,648	8,287	5,135	-	186	-	51,256
6 - 20 FATHOMS: BROWN		-	-	-	1,861	17,825	-	-	-	19,686
PINK		-	-	-	7,075	5,350	6,040	105	-	18,570
21 - 25 FATHOMS: BROWN		-	-	-	2,963	10,415	-	-	-	13,378
WHITE		-	-	-	-	-	437	-	-	437
21 - 30 FATHOMS: PINK		-	2,559	3,388	44,532	15,634	-	375	-	66,488
TOTAL	17.0	-	2,559	41,036	64,718	54,359	6,477	666	-	169,815
ATLANTIC OCEAN										
0 - 5 FATHOMS: WHITE		-	-	890	-	158	-	-	-	1,048
6 - 20 FATHOMS: WHITE		-	1,000	4,907	3,934	1,482	41	680	61	12,105
TOTAL	18.3	-	1,000	5,797	3,934	1,640	41	680	61	13,153
GRAND TOTAL	276,676.0	3,182,268	10,642,710	15,207,509	14,180,333	27,481,363	13,629,859	17,235,535	26,639,919	128,199,496

NOTE:--THESE DATA REPRESENT THE CATCHES OF VESSELS COMPLETING TRIPS DURING THE MONTH, REGARDLESS OF WHEN LANDINGS OCCURRED. CONSEQUENTLY, THE DATA ARE NOT DIRECTLY COMPARABLE WITH THOSE PRESENTED IN THE TABLE WHICH REPRESENT LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. ADDITIONAL TABULATIONS CONCERNING THE GULF OF MEXICO CATCH OF SHRIMP IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT MAY BE OBTAINED UPON REQUEST FROM THE U.S. DEPARTMENT OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE, DIVISION OF STATISTICS AND MARKET NEWS, WASHINGTON, D.C. 20240.

SOUTH ATLANTIC AND GULF COAST SHRIMP CATCH, 1968

SPECIES AND SIZE	SOUTH ATLANTIC		GULF		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15.	538	$753	1,513,345	$2,159,070	1,513,883	$2,159,823
15 - 20	198,030	225,962	6,145,581	7,711,222	6,343,611	7,937,184
21 - 25	722,076	767,731	8,682,420	9,955,283	9,404,496	10,723,014
26 - 30	1,130,602	1,140,059	8,103,950	8,196,469	9,234,552	9,336,528
31 - 40	1,112,285	905,159	17,288,479	13,463,552	18,400,764	14,368,711
41 - 50	305,912	199,989	8,645,743	5,267,889	8,951,655	5,467,878
51 - 67	184,818	96,260	9,138,260	4,387,475	9,323,078	4,483,735
68 AND OVER	22,453	9,117	19,363,504	5,653,293	19,385,957	5,662,410
TOTAL	3,676,714	3,345,030	78,881,282	56,794,253	82,557,996	60,139,283
PINK:						
UNDER 15.	-	-	175,689	223,403	175,689	223,403
15 - 20	15,145	17,331	1,133,394	1,301,091	1,148,539	1,318,422
21 - 25	69,385	72,627	2,464,050	2,640,149	2,533,435	2,712,776
26 - 30	14,457	14,168	2,658,431	2,555,747	2,672,888	2,569,915
31 - 40	171,288	123,404	5,000,430	3,944,343	5,171,718	4,067,747
41 - 50	359,564	232,605	2,471,664	1,589,545	2,831,228	1,822,150
51 - 67	206,367	115,623	2,987,146	1,442,871	3,193,513	1,558,494
68 AND OVER	-	-	749,337	263,428	749,337	263,428
TOTAL	836,206	575,758	17,640,141	13,960,577	18,476,347	14,536,335
WHITE:						
UNDER 15.	-	-	802,339	1,130,954	802,339	1,130,954
15 - 20	140,895	173,422	3,356,665	4,413,540	3,497,560	4,586,962
21 - 25	1,660,028	1,886,807	4,079,119	4,759,540	5,739,147	6,646,347
26 - 30	3,246,682	3,480,542	3,418,512	3,686,102	6,665,194	7,166,644
31 - 40	2,976,984	2,629,581	5,132,637	4,253,654	8,109,621	6,883,235
41 - 50	1,787,007	1,222,839	2,499,661	1,658,376	4,286,668	2,881,215
51 - 67	1,118,692	610,021	5,102,947	2,605,486	6,221,639	3,215,507
68 AND OVER	73,535	26,725	6,526,026	2,383,958	6,599,561	2,410,683
TOTAL	11,003,823	10,029,937	30,917,906	24,891,610	41,921,729	34,921,547
SEA BOBS, UNDER 15.	-	-	690,046	127,713	690,046	127,713
ROYAL RED:						
15 - 20	-	-	105	132	105	132
21 - 25	17,011	19,236	2,799	3,214	19,810	22,450
26 - 30	1,460	1,572	16,827	16,941	18,287	18,513
31 - 40	8,427	8,039	50,528	41,309	58,955	49,348
41 - 50	18,585	16,249	427	299	19,012	16,548
51 - 67	-	-	1,128	692	1,128	692
68 AND OVER	-	-	1,052	469	1,052	469
TOTAL	45,483	45,096	72,866	63,056	118,349	108,152
GRAND TOTAL	15,562,226	13,995,821	128,202,241	95,837,209	143,764,467	109,833,030

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, 1.53 FOR SEA BOBS, AND 1.80 FOR ROYAL RED. THE STATES LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (MOSTLY PENAEUS AZTECUS), PINK SHRIMP MOSTLY PENAEUS DUORARUM), SEA BOBS (MOSTLY XIPHOPENAEUS KROYERI), AND ROYAL RED (MOSTLY HYMENOPENAEUS ROBUSTUS). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SECTION 7 - PACIFIC COAST FISHERIES

The commercial fisheries of the Pacific Coast States yielded a catch of 1.1 billion pounds worth $170.4 million--a decline of 17.3 million pounds (2 percent) but an increase of $30.0 million (21 percent) compared with 1967. The volume decline was caused principally by sharp decreases in landings of anchovies, bonito, hake, halibut, tuna, and king crabs. The gain in value resulted mainly from a spectacular increase in the catch of salmon--accompanied by an increase in the average price per pound paid to fishermen for chinook, chum, pink, and red salmon. Despite smaller landings, the value of tuna and king crabs also improved and contributed to the gain in value.

The Pacific Coast States had 27 percent of the volume and 34 percent of the value of the U.S. catch, and exceeded all other areas in value. Alaska, with landings of 449.7 million pounds worth $79.1 million had 40 percent of the quantity and 46 percent of the value of the Pacific Coast production, followed by California with 448.2 million pounds (40 percent) worth $54.1 million (32 percent). Washington and Oregon supplied the remaining 219.5 million pounds worth $37.2 million.

Fishermen and vessels. The Pacific Coast States had 37,932 fishermen using 5,173 vessels (5 net tons or more) and 16,603 motor boats--a decline of 483 fishermen but an increase of 97 vessels and 2,030 motor boats compared with 1967.

The first of five new purse seiners was launched in September 1968. The vessels will be constructed under a $1.8 million subsidy made available through the U.S. Fishing Fleet Improvement Act of 1964. The seiners will be equipped with bow thrusters designed to give control while the nets are being pursed. They will have a carrying capacity of 500 tons of fish. The four remaining vessels are expected to join the fishing fleet in 1969.

Salmon. The catch of 327.6 million pounds worth $66.7 million was 110.9 million pounds (51 percent) and $18.1 million (37 percent) greater than in 1967.

Chiefly responsible for the increase were Alaska landings of 285.3 million pounds worth $49.5 million--a gain of 146.8 million pounds (106 percent) and $24.8 million (101 percent) compared with 1967. Alaska landings were 87 percent of the Pacific Coast salmon catch and 74 percent of the value in 1968. A sharp increase in landings of pink salmon from the alltime low of 28.8 million pounds in 1967 to 148.4 million in 1968 accounted largely for the improved Alaska harvest. In southeastern Alaska, the run of pink salmon was excellent, and fishing in both the central and western districts was much better than in the previous year; however the fish were extremely small. They varied from about 2.8 to 3.5 pounds--instead of the usual 4.2 to 4.4 pounds--and consequently yielded a smaller canned pack than would otherwise have been expected. Chum salmon landings of 55.9 million pounds increased 24.4 million compared with 1967 and were the third largest catch in the last decade. The silver salmon catch (21.0 million pounds) was 7.9 million greater than in the previous year. Landings of chinook (11.2 million pounds) and red salmon (48.7 million) declined slightly compared with 1967.

In both Washington and Oregon the salmon production declined sharply compared with 1967. Washington landings of 25.8 million pounds worth $9.6 million were 27.6 million pounds and $4.4 million less than in the previous year. Oregon landings of 9.6 million pounds worth $3.6 million declined 7.7 million pounds and $2.4 million compared with 1967.

In Washington, the greatest decline was in pink salmon--a result of the usual off-year production in Puget Sound. Only 21,000 pounds were taken compared with 21.7 million in the previous year. Red or sockeye salmon landings of 5.3 million pounds were less than one-half the 1967 harvest, but still were better than fishermen had expected. A run of 1.8 million red salmon from the

Fraser River was divided almost equally between United States and Canadian fishermen--each taking about 900,000 fish from convention waters. The commercial troll fishery off Washington and Oregon for silver salmon was not as successful as in 1967.

Salmon hatcheries operated by the Washington State Department of Fisheries took 74 million eggs in 1968 and added two new rearing ponds to the hatchery system.

A record silver salmon escapement of about 250,000 fish represented a ratio of one silver salmon returning to the streams to spawn for every five caught in the commercial fisheries in 1968. The chinook salmon escapement of nearly 45,000 fish represented a ratio of one chinook returning for every nine caught in the commercial fisheries.

During the summer, thousands of salmon died because of the malfunctioning of fishways at the newly completed John Day dam. An emergency midseason closure of the salmon sport fishery, in addition to a voluntary closure by Indian fishermen, contributed to an escapement of chinook salmon that exceeded the 80,000 to 90,000 fish needed to perpetuate the run.

The California salmon catch was 7 million pounds worth $4 million--a decline of about 450,000 pounds but a gain of $69,000 compared with 1967. The principal cause of the decline was landings of silver salmon (2.3 million pounds), which were 1.1 million less than in 1967. The ex-vessel price for silvers averaged 48 cents per pound--about the same as in the previous year. The chinook catch increased from 4.0 million pounds in 1967 to 4.6 million in 1968. The value averaged nearly 63 cents per pound--4 cents more than in 1967, and accounted largely for the increased value of the California salmon catch.

Tuna. The catch of tuna was 281.2 million pounds worth $44.9 million--a decline of 33.6 million pounds but a gain of $3.0 million compared with 1967. The principal reason for the smaller harvest was a sharp decline in landings of skipjack tuna. Bluefin tuna landings declined slightly also, but catches of albacore and yellowfin tuna increased substantially. The higher value resulted from increases in the price paid to fishermen for all species. The average price per pound for both bluefin and skipjack tuna was 3 cents more than in 1967; for yellowfin, 2 cents more; and for albacore tuna, nearly 1 cent more.

The albacore catch was 55.9 million pounds--a gain of 7.5 million compared with 1967. The record 37.8 million pounds taken in Oregon waters was 68 percent of the Pacific coast albacore production. The main body of albacore approached the coast of southern Oregon earlier in July than usual--probably becuase the ocean waters warmed rapidly. At that time, fishermen and plant owners agreed on a cannery price of $425 per ton. This price remained in effect during the rest of the season. Following the price agreement, craft from all parts of the coast congregated off Coos Bay where the fishing was exceptionally good. During August, the fishery moved northward and jig-boat catches were good between 60 to 120 miles offshore. In September, the albacore moved inshore and bait-boat fishing was excellent in the 20-to-40-mile area; however, the jig-boat catch dropped sharply. Unfavorable weather curtailed fishing during most of October, but fishermen made small landings in November. About 14.5 million pounds of the Oregon catch was trucked to California canneries. Washington landings of 3.1 million pounds were the best in 10 years and probably would have been greater if processing facilities had been adequate on the coast. Most of the Washington tuna was landed at Ilwaco, on the Columbia River, for processing in Oregon canneries. The California albacore production (15.0 million pounds) declined 2.8 million compared with 1967, and was the smallest catch since 1947. Fishermen were hampered much of the time by strong northerly winds and rough seas in waters of northern and central California. Fishing in these areas was restricted to the intermittent slack periods between windy spells. In southern California fishing was mostly spotty and unrewarding. Fishermen had few good days.

Bluefin tuna landings of 12.9 million pounds were 6 percent less than in 1967. The fish were generally plentiful, but storms disrupted much of the fishing effort. Fishermen first sighted bluefin schools midway down the Baja California peninsula early in June and had made sizeable catches by June 21. Five southern-California-based tuna vessels landed 200 tons of bluefin. In early July the fishing was good off northern Mexico but declined generally from mid-July to mid-August. Late in August, fishermen in the tuna-mackerel fleet landed 215 tons of bluefin tuna taken off San Diego and Baja California. The fleet made several other good catches later in the season, but by mid-September, catches were sporadic and fishing declined off Baja California.

Skipjack tuna landings were 59.2 million pounds--a decline of 47 percent compared with the previous year. The catch was the third smallest since 1947. In late March and during most of April the purse seine fleet made excellent catches of skipjack off the coasts of Ecuador and Peru. By early May, the fish moved northward and fishing was good off Baja California. In June and in the early fall, however, the season was marked by inclement weather that kept vessels in port. By mid-November, eight bait boats fishing off Baja California made good catches of skipjack. The fish were abundant in more southerly waters also, and fishermen made fair catches off Costa Rica and good catches off Ecuador and Peru.

The yellowfin tuna fishery reached 153.1 million pounds--11.6 million more than in 1967 and the best harvest since 1965. Scientists at the Inter-American Tropical Tuna Commission headquarters in La Jolla, Calif., noted that fish landed during the 1968 season averaged 10.2 pounds heavier than in 1967 when the average weight was 25 pounds. In accordance with the Commission's recommendation, the 1968 quota of yellowfin from the regulatory area off California to the central coastline of Chile was restricted to 106,000 short tons. The fishery closed June 18, 1968. Following this closure, eight tuna vessels shifted operations to the eastern Atlantic and found excellent fishing off West Africa. The fleet was assisted in locating tuna by the Bureau's research vessel Undaunted, which transmitted on-the-spot information.

Halibut. Halibut landings by the combined United States and Canadian fleets were 48.8 million pounds (dressed weight)--6.7 million pounds less than in 1967 and the smallest production since 1935. U.S. landings of 19.4 million pounds were 40 percent of the 1968 production. The smaller harvest reflected a declining halibut population (especially in Area 2) and also showed the effects of catch limits and seasonal limits imposed in various areas by the International Pacific Halibut Commission. Many halibut fishermen turned to other fisheries. In 1968, only 164 vessels operated in the U.S. halibut fleet--compared with 253 in 1967.

In recent years, the catch of halibut off British Columbia has declined to about one-half its former volume. Recent investigations made by the Halibut Commission indicate that both domestic and foreign trawlers in that area have been overfishing the halibut stocks and that foreign trawlers in the western halibut areas have been taking substantial quantities of small halibut.

U.S. Pacific halibut landings of 25.7 million pounds (round weight) were worth $4.2 million--a decline of 14.0 million pounds and $2.2 million compared with 1967. Alaska landings of 13.4 million pounds worth $1.9 million were 52 percent of the volume and 45 percent of the value of the U.S. halibut production.

Anchovies. California landings of 31.1 million pounds declined 38.5 million (55 percent) compared with 1967. It was the fourth consecutive year for the experimental anchovy reduction season. The State quota of 75,000 tons set by the California Department of Fish and Game was divided the same as in previous years: Northern Permit Area, 10,000 tons and Southern Permit Area, 65,000 tons. Fishing in the Northern Permit Area opened August 1, and in the Southern Permit Area, September 15. The season was scheduled to close in both areas on May 15.

Bonito. Bonito landings of 14.9 million pounds worth $620,000 were 6.3 million pounds less than the record catch taken in 1967. Fishing was only fair during most of the year, although an excellent run developed in late August and continued through mid-September off the southern California coast, During the run, the tuna-mackerel purse seine fleet based in San Pedro took about 1,110 tons. In late October, Peru-based purse seiners were still fishing for bonito.

Hake. Nine vessels fished for hake in Puget Sound and caught 9.4 million pounds--about the same as in 1967. The fish were used for animal food, canned pet food, and for reduction to fish meal.

There was no commercial fishery for hake in coastal waters--in contrast to 1967 when fishermen caught 19.2 million pounds. Funds were not available for Government subsidies as in the previous year; and fishermen were not interested in the small remuneration to be received from the sale of hake at reduction plants. Consequently, the new Pacific Protein Company plant that operated in 1967 did not produce in 1968. Late in the year, however, the Government awarded a contract to Ocean Harvesters, Inc., of Los Angeles, Calif., to build and operate a fish protein concentrate demonstration plant at Aberdeen, Wash. The plant is scheduled for operation during the 1970 fishing season and may be the forerunner of a U.S. domestic west coast hake fishery.

Mackerel. In California, the only Pacific Coast State with a mackerel fishery, the combined landings of Pacific and jack mackerel were 58.8 million pounds worth $2.3 million--an increase of 19.4 million pounds and $770,000 compared with 1967. Landings of jack mackerel (55.7 million pounds) were the largest since 1965. In sharp contrast to the previous 4 years, fishermen lost no time because of fleet tie-ups over price disputes or contract negotiations. This continuous fishing effort, together with generally good weather, was the principal reason for the greater landings.

Pacific sardines. The Pacific sardine fishery that led all U.S. fisheries in 1936 with landings of 1.5 billion pounds yielded only 124,000 pounds--the smallest catch on record. The sardine seemed on the way to extinction until the California Legislature enacted a law in 1967 establishing a 2-year moratorium on fishing for sardines in California waters, excepting only a 15-percent tolerance for an incidental catch of sardines.

King crabs. The harvest of 82.0 million pounds was 45.7 million less than in 1967, and 77.2 million pounds less than in 1966, the record year. The value of $21.9 million was 46 percent greater, however, than in 1967 because of increased prices received by fishermen. The average price per pound was 27 cents in 1968--compared with 12 cents in 1967 and 10 cents in 1966.

Because biologists attributed the sharp catch decline to overfishing, the season was limited to 6 months beginning in 1968. Late in the year, the Alaska Board of Fish and Game enacted stricter regulations--to become effective in 1969. To protect king crabs in the soft shell stage the Board limited the king crab fishing season to 5 months and the sea scallop season to 6 months in certain areas. The minimum size limit for king crabs was increased from 5-3/4 inches to 7 inches in most areas.

Both the number of king crab vessels and the number of king crab pots fished increased substantially between 1964 and 1968. Fishermen used 22,000 pots in 1964 and 29,607 pots in 1968--a 35 percent gain.

Dungeness crabs. The Dungeness crab harvest was a record 50.0 million pounds worth a record $9.2 million--a gain of 7.5 million pounds and $2.6 million compared with 1967. Landings increased substantially in all States except Washington where the 9.4-million-pound catch was slightly less than in the previous year. The Alaska catch was a record 13.2 million pounds--1.5 million pounds more than in 1967, and 540,000 pounds more than in 1964, the former record year. Landings in Oregon of 11.4 million pounds were 1.7 million greater than in 1967, and second only to the record 12.0 million pounds taken in 1957. December landings increased sharply and were the principal reason for the greater harvest in Oregon. The California catch increased from 11.7 million pounds in 1967 to 16.0 million in 1968--the fourth best annual production on record.

PACIFIC COAST FISHERIES

Shrimp. The shrimp catch was a record 56.4 million pounds worth a record $3.4 million--1.9 million pounds and $420,000 more than in 1967, the former record year. The harvest increased in all States. Record Alaska landings of 42.1 million pounds increased 1 percent compared with 1967; the value (a record $1.9 million) increased 9 percent. In Washington, the catch (1.2 million pounds) was 12 percent more than in 1967, and the value ($116,000), 21 percent more. Shrimp were abundant in Washington waters in 1968. Oregon landings were a peak 10.8 million pounds worth $1.2 million--a gain of 7 and 14 percent, respectively, compared with 1967. California landings of 2.3 million pounds increased 60 percent compared with 1967, and the value ($260,000) increased 53 percent.

Sea scallops. A harvest of 1.7 million pounds of sea scallop meats worth $1.6 million marked the first major catch of these shellfish in the Pacific Northwest. Alaska waters yielded all but 35,000 pounds of the 1.7 million pounds--a significant gain compared with the initial harvest of 800 pounds taken in 1967. Washington accounted for the 35,000 pounds of meats.

A sizeable sea scallop fishery seemed to be developing when four New England scallop draggers moved to the Pacific coast. The vessels were based at Seward, Alaska, where their landings were frozen for delivery to Seattle, Wash.

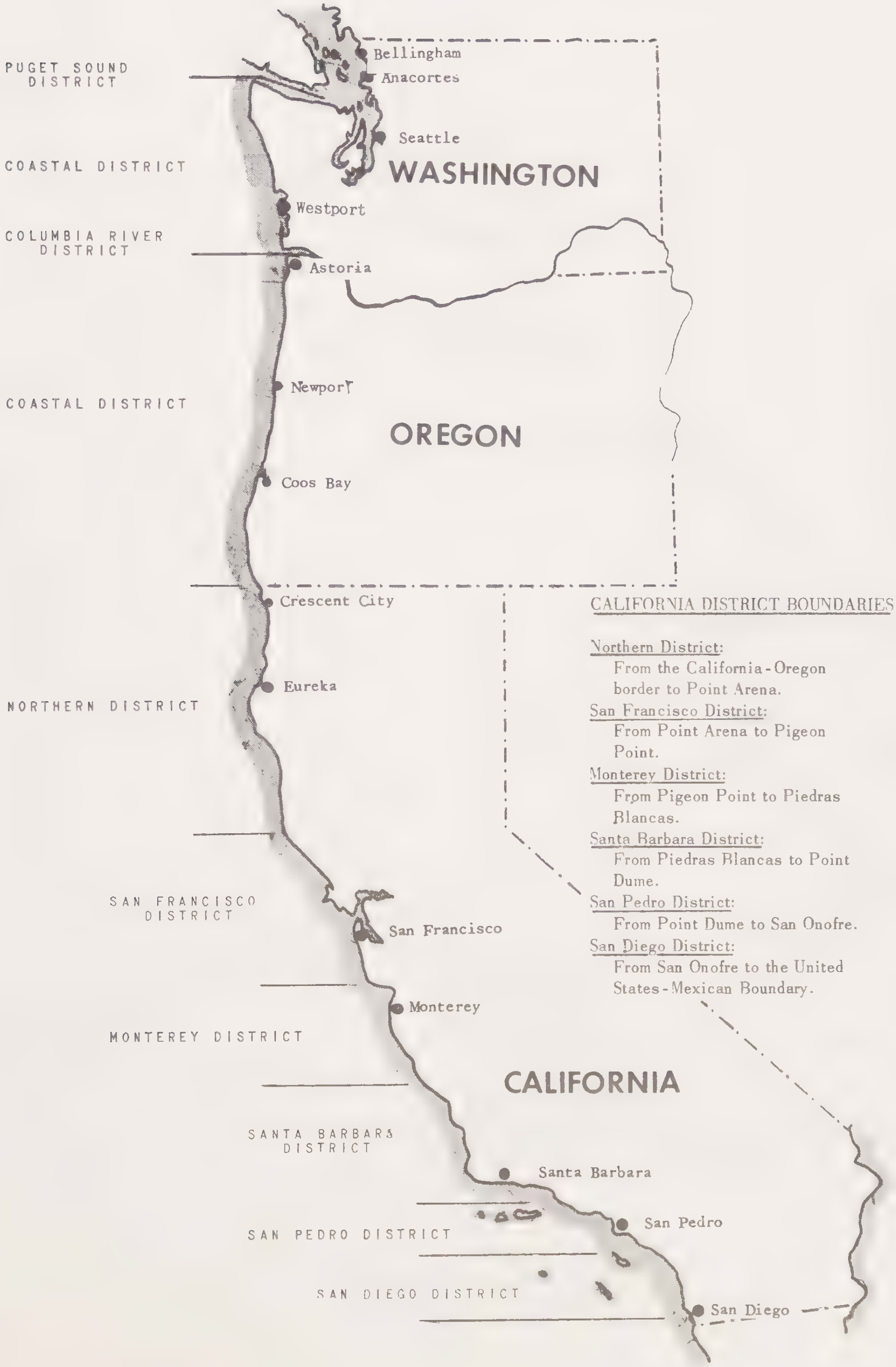
High-seas fishery. Pacific Coast fishermen landed 264.3 million pounds of fish taken on the high seas off coasts of foreign countries--24 percent of the total Pacific coast catch. The tuna catch off Central and South America (221.7 million pounds) was 42.8 million pounds less than in 1967; it was 63 percent of the total U.S. landings off foreign coasts and 84 percent of the Pacific catch off foreign coasts.

Other information. Data on many aspects of the Pacific Coast Fisheries appear in daily, monthly, and annual reports published by the Bureau's Fishery Market News offices in Terminal Island, Calif., and Seattle, Wash.

Acknowledgments. The following organizations helped collect the data appearing in this section: Alaska Department of Fish and Game, Washington Department of Fisheries, Oregon Fish Commission, and California Department of Fish and Game.

PACIFIC COAST FISHERIES

PACIFIC COAST STATES - Continued


PUGET SOUND DISTRICT
Bellingham
Anacortes
Seattle
COASTAL DISTRICT
WASHINGTON
Westport
COLUMBIA RIVER DISTRICT
Astoria
Newport
COASTAL DISTRICT
OREGON
Coos Bay
Crescent City
Eureka
NORTHERN DISTRICT
SAN FRANCISCO DISTRICT
San Francisco
Monterey
MONTEREY DISTRICT
CALIFORNIA
SANTA BARBARA DISTRICT
Santa Barbara
San Pedro
SAN PEDRO DISTRICT
SAN DIEGO DISTRICT
San Diego

CALIFORNIA DISTRICT BOUNDARIES

Northern District:
From the California-Oregon border to Point Arena.

San Francisco District:
From Point Arena to Pigeon Point.

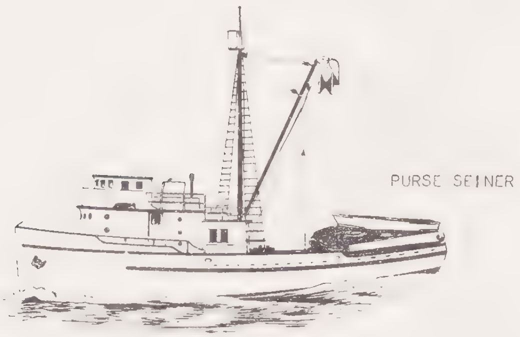
Monterey District:
From Pigeon Point to Piedras Blancas.

Santa Barbara District:
From Piedras Blancas to Point Dume.

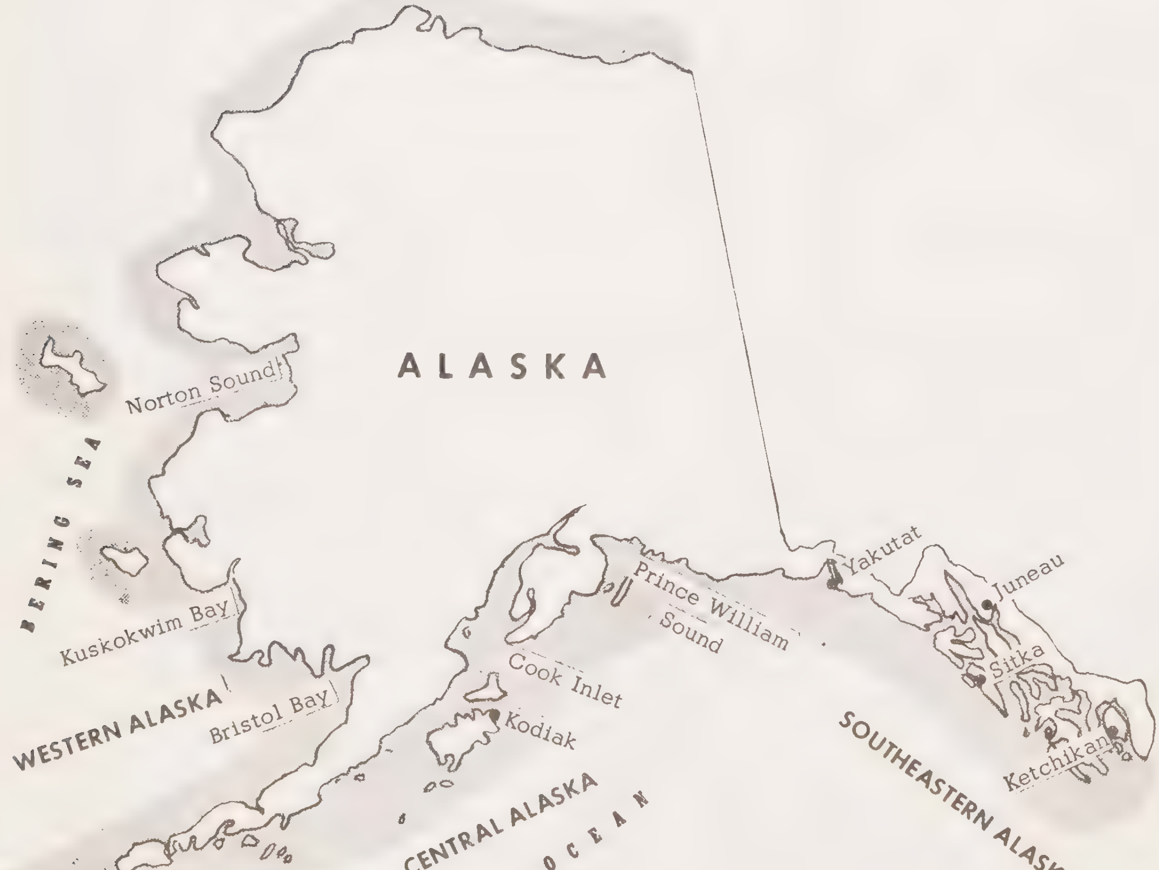
San Pedro District:
From Point Dume to San Onofre.

San Diego District:
From San Onofre to the United States-Mexican Boundary.

PACIFIC COAST FISHERIES


PURSE SEINER

PACIFIC COAST STATES


ALASKA
Norton Sound
BERING SEA
Kuskokwim Bay
WESTERN ALASKA
Bristol Bay
Yakutat
Juneau
Prince William Sound
Cook Inlet
Kodiak
Sitka
Ketchikan
SOUTHEASTERN ALASKA
CENTRAL ALASKA
PACIFIC OCEAN

PACIFIC COAST FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA.	307	51	143	28	-	-	450	79
WASHINGTON.	108	16	17	4	-	-	125	20
OREGON.	71	13	23	4	-	-	94	17
CALIFORNIA.	397	46	45	6	6	1/	448	54
TOTAL	883	125	228	42	6	1/	1,117	170

1/ LESS THAN $500,000.

SUMMARY OF OPERATING UNITS, 1968

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	8,579	3,542	2,973	6,819	18,155
ON BOATS AND SHORE. . . .	9,550	4,869	2,181	3,177	19,777
TOTAL	18,129	8,412	5,154	9,996	37,932
VESSELS, MOTOR.	2,162	1,332	1,203	1,875	5,173
GROSS TONNAGE	62,424	29,563	30,793	92,834	176,441
BOATS:					
MOTOR	9,023	3,432	1,778	2,489	16,603
OTHER	-	222	15	-	237
GEAR:					
HAUL SEINES	-	106	2	5	113
LENGTH, YARDS	-	9,325	200	2,000	11,525
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	-	-	-	43	43
LENGTH, YARDS	-	-	-	21,780	21,780
HERRING	9	3	-	-	12
LENGTH, YARDS	3,900	1,275	-	-	5,175
MACKEREL AND SARDINE. .	-	-	-	53	53
LENGTH, YARDS	-	-	-	28,995	28,995
SALMON.	1,367	179	-	-	1,457
LENGTH, YARDS	468,264	96,045	-	-	519,809
SQUID	-	-	-	11	11
LENGTH, YARDS	-	-	-	4,675	4,675
TUNA.	-	-	-	136	136
LENGTH, YARDS	-	-	-	108,640	108,640
OTHER	-	-	-	8	8
LENGTH, YARDS	-	-	-	3,060	3,060
BEAM TRAWLS, SHRIMP . . .	23	3	-	-	26
YARDS AT MOUTH.	252	24	-	-	276
OTTER TRAWLS:					
FISH.	7	1/ 102	51	78	230
YARDS AT MOUTH. . . .	102	2,024	1,158	2,106	5,536
SHRIMP.	32	3	41	32	99
YARDS AT MOUTH. . . .	462	57	779	480	1,643
BRUSH WEIRS	-	1	-	-	1
POUND NETS.	-	3	-	-	3
FLOATING TRAPS.	4	-	-	-	4
POTS AND TRAPS:					
CRAB:					
DUNGENESS	10,250	23,354	29,355	37,244	96,030
KING.	29,607	-	-	-	29,607
TANNER.	16,265	-	-	-	16,265
CRAWFISH.	-	-	-	180	180
FISH.	-	-	-	520	520
LOBSTER, SPINY.	-	-	-	15,748	15,748
OCTOPUS	-	200	-	110	310
SHRIMP.	1,070	100	-	-	1,170
GILL NETS:					
ANCHOR, SET OR STAKE:					
SALMON.	2,245	281	90	-	2,616
SQUARE YARDS. . . .	1,432,055	74,500	34,000	-	1,540,555
OTHER	-	-	89	-	89
SQUARE YARDS. . . .	-	-	22,250	-	22,250
DRIFT:					
BARRACUDA	-	-	-	10	10
SQUARE YARDS. . . .	-	-	-	35,100	35,100

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
GILL NETS - CONTINUED:					
DRIFT - CONTINUED:					
SALMON.	3,992	1,355	544	-	5,812
SQUARE YARDS. . . .	3,292,920	6,909,250	1,660,000	-	13,190,015
SEA BASS.	-	-	-	74	74
SQUARE YARDS. . . .	-	-	-	254,800	254,800
OTHER	-	7	68	17	92
SQUARE YARDS. . . .	-	6,300	103,000	59,300	168,600
TRAMMEL NETS.	-	-	-	17	17
SQUARE YARDS.	-	-	-	88,440	88,440
LINES:					
HAND:					
ROCKFISHES.	-	22	-	676	698
HOOKS	-	42	-	1,352	1,403
TUNA:					
ALBACORE.	-	51	335	697	721
HOOKS	-	51	335	697	721
YELLOWFIN AND SKIPJACK	-	-	-	403	403
HOOKS	-	-	-	403	403
OTHER	-	-	-	149	149
HOOKS	-	-	-	298	298
TROLL:					
ALBACORE.	-	1,708	7,772	10,986	15,653
HOOKS	-	1,708	7,772	10,986	15,653
SALMON.	6,516	10,776	7,554	11,180	33,044
HOOKS	45,048	43,438	32,607	44,720	151,699
OTHER	-	24	-	135	159
HOOKS	-	48	-	135	183
LONG OR SET WITH HOOKS.	7,253	2,731	221	980	10,090
HOOKS	607,710	253,985	19,880	98,000	878,274
DIP, BRAIL, OR SCOOP NETS	5	150	10	94	259
REEF NETS	-	55	-	-	55
WHEELS.	6	-	-	-	6
HARPOONS:					
SWORDFISH	-	-	-	45	45
WHALE	-	-	-	3	3
OTHER	-	-	-	2	2
DREDGES:					
CLAM.	-	2	-	-	2
YARDS AT MOUTH. . . .	-	2	-	-	2
OYSTER:					
COMMON.	-	62	6	4	72
YARDS AT MOUTH. . .	-	124	12	4	140
SUCTION	-	2	-	1	3
SCALLOP	12	4	-	-	14
YARDS AT MOUTH. . . .	96	16	-	-	96
TONGS, OYSTER	-	-	-	40	40
SHOVELS	41	308	250	2	601
DIVING OUTFITS, ABALONE .	-	-	-	278	278

1/ INCLUDES MID-WATER TRAWLS.

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES	-	-	342	10	-	-
ARCTIC CHAR	4	1	-	-	-	-
CARP	-	-	1,198	6	-	-
COD	-	-	5,539	321	343	20
FLOUNDERS:						
"SOLE"	-	-	8,336	631	12,007	546
UNCLASSIFIED	-	-	1,960	96	547	21
HAKE	-	-	9,386	69	4	(2)
HALIBUT	13,450	1,892	12,135	2,307	155	26
HERRING, SEA	8,128	81	6,448	254	41	10
LAKE TROUT	23	4	-	-	-	-
LINGCOD	-	-	6,246	308	1,625	84
MACKEREL, PACIFIC	-	-	1	(2)	-	-
OCEAN PERCH	-	-	11,802	643	1,664	84
PERCH	-	-	166	20	1	(2)
PIKE OR PICKEREL	(2)	(2)	-	-	-	-
POLLOCK	-	-	348	5	-	-
RATFISH	-	-	799	9	-	-
ROCKFISHES	35	2	10,672	588	5,272	258
SABLEFISH	248	32	376	38	627	68
SALMON:						
CHINOOK OR KING	11,246	3,865	6,196	2,792	3,781	1,496
CHUM OR KETA	55,916	7,016	5,548	1,358	2	(2)
PINK	148,446	20,490	21	5	5	1
RED OR SOCKEYE	48,696	12,723	5,289	2,273	62	24
SILVER OR COHO	20,968	5,362	8,698	3,197	5,781	2,058
TOTAL SALMON	285,272	49,456	25,754	9,625	9,631	3,579
SHAD	-	-	46	3	816	93
SHARKS:						
GRAYFISH	-	-	686	4	36	1
UNCLASSIFIED	-	-	11	(2)	-	-
TOTAL SHARKS	-	-	697	4	36	1
SHEEFISH	3	1	-	-	-	-
SKATES	-	-	388	4	368	9
SMELT:						
EULACHON	30	6	833	99	117	18
SURF OR SILVER	-	-	248	26	4	(2)
STEELHEAD TROUT	46	9	236	72	394	106
STRIPED BASS	-	-	-	-	27	4
STURGEON, COMMON	-	-	256	29	153	19
SUCKERS	-	-	9	(2)	-	-
TOMCOD	-	-	227	3	-	-
TUNA, ALBACORE	-	-	3,050	605	37,752	7,755
WHITEFISH	16	4	-	-	-	-
TOTAL FISH	307,255	51,488	107,500	15,861	71,623	13,003
SHELLFISH, ETC.						
CRABS:						
DUNGENESS	13,248	1,775	9,355	1,709	11,351	2,216
KING	82,038	21,878	-	-	-	-
TANNER	3,247	324	-	-	-	-
TOTAL CRABS	98,533	23,977	9,355	1,709	11,351	2,216
CRAWFISH, FRESH-WATER	-	-	-	-	2	1
SHRIMP	42,077	1,861	1,189	116	10,347	1,120
CLAMS:						
HARD	-	-	324	157	-	-
RAZOR	33	20	133	85	39	27
MIXED	-	-	-	-	6	5
TOTAL CLAMS	33	20	457	242	45	32
OCTOPUS	-	-	25	3	1	(2)
OYSTERS, MARKET:						
PACIFIC	4	2	6,418	2,380	628	246
WESTERN	-	-	57	171	1	4
TOTAL OYSTERS	4	2	6,475	2,551	629	250

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS, SEA	1,713	1,587	35	35	-	-
SQUID	-	-	1	(2)	-	-
KELP (WITH HERRING EGGS). .	126	158	-	-	-	-
TOTAL SHELLFISH, ETC.	142,486	27,605	17,537	4,656	22,875	3,689
GRAND TOTAL	449,741	79,093	125,037	20,517	94,498	16,692

SPECIES	CALIFORNIA 1/		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES	31,076	284	31,418	294
ARCTIC CHAR	-	-	4	1
BARRACUDA	140	31	140	31
BONITO.	14,922	620	14,922	620
CABEZONE.	20	1	20	1
CARP.	298	25	1,496	31
COD	-	-	5,922	341
FLOUNDERS:				
ARROWTOOTH HALIBUT. . . .	13	1	13	1
CALIFORNIA HALIBUT. . . .	3/ 672	3/ 186	672	186
SAND DABS	715	59	715	59
"SOLE".	19,465	1,659	39,808	3,142
UNCLASSIFIED.	3/ 856	3/ 50	3,363	167
FLYING FISH	74	11	74	11
GROUPERS.	231	53	231	53
HAKE.	6	(2)	9,396	89
HALFMOON.	50	11	50	11
HALIBUT	(2)	(2)	25,740	4,227
HARDHEAD.	244	23	244	23
HERRING, SEA.	358	39	14,973	384
JACK MACKEREL	55,668	2,122	55,668	2,122
KING CROAKER.	941	59	941	59
LAKE TROUT.	-	-	23	4
LINGCOD	1,094	90	8,965	542
MACKEREL, PACIFIC	3,133	168	3,134	168
OCEAN PERCH	-	-	13,466	727
OPALEYE	11	2	11	2
PERCH	168	35	335	55
PIKE OR PICKEREL.	-	-	(1)	(1)
POLLOCK	-	-	348	5
POMPANO	269	51	269	51
RATFISH	-	-	799	9
ROCKFISHES.	9,444	668	25,423	1,516
SABLEFISH	3,220	229	4,471	367
SALMON:				
CHINOOK OR KING	4,613	2,883	25,838	11,036
CHUM OR KETA.	-	-	61,466	8,374
PINK.	-	-	148,472	20,496
RED OR SOCKEYE.	-	-	54,047	15,020
SILVER OR COHO.	2,339	1,131	37,786	11,748
TOTAL SALMON.	6,952	4,014	327,609	66,674
SARDINE, PACIFIC.	124	15	124	15
SCULPIN	125	35	125	35
SEA BASS:				
BLACK	158	29	158	29
WHITE	862	259	862	259
SHAD.	-	-	862	96
SHARKS:				
GRAYFISH.	-	-	722	5
UNCLASSIFIED.	500	50	511	50
TOTAL SHARKS.	500	50	1,233	55
SHEEFISH.	-	-	3	1
SHEEPSHEAD.	13	1	13	1
SKATES.	186	3	942	16
SMELT:				
EULACHON.	-	-	979	123
SURF OR SILVER.	443	31	695	57
STEELHEAD TROUT	-	-	678	187
STRIPED BASS.	-	-	27	4

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
STURGEON, COMMON.	-	-	411	48
SUCKERS	-	-	9	(2)
SWORDFISH	200	134	200	134
TOMCOD.	-	-	227	3
TUNA:				
ALBACORE.	15,077	2,989	55,879	11,349
BLUEFIN	12,936	1,956	12,936	1,956
SKIPJACK.	59,235	7,770	59,235	7,770
YELLOWFIN	153,136	23,830	153,136	23,830
TOTAL TUNA.	240,384	36,545	281,186	44,905
TURBOT.	70	4	70	4
WAHOO	6	1	6	1
WHITEBAIT	238	21	238	21
WHITEFISH	3	(2)	19	4
YELLOWTAIL.	163	18	163	18
UNCLASSIFIED:				
FOR FOOD.	141	4	141	4
BAIT AND ANIMAL FOOD. . .	2,[illegible]	52	2,[illegible]	52
TOTAL FISH.	396,246	47,693	882,624	128,045
SHELLFISH, ETC.				
CRABS:				
DUNGENESS	16,016	3,535	49,970	9,235
KING.	-	-	82,038	21,678
ROCK.	351	37	351	37
TANNER.	-	-	3,24[illegible]	324
TOTAL CRABS	16,36[illegible]	3,572	135,606	31,474
CRAWFISH, FRESH-WATER . . .	-	-	2	1
LOBSTER, SPINY.	312	293	312	293
SHRIMP.	2,293	2[illegible]0	56,406	3,427
ABALONE	895	1,124	895	1,124
CLAMS:				
HARD.	-	-	324	157
RAZOR	-	-	205	132
MIXED	-	-	[illegible]	5
TOTAL CLAMS	-	-	535	294
OCTOPUS	1[illegible]	1	44	4
OYSTERS, MARKET:				
EASTERN	16	48	16	48
PACIFIC	[illegible]	150	7,596	2,778
WESTERN	-	-	58	105
TOTAL OYSTERS	662	198	7,770	3,001
SCALLOPS, SEA	-	-	1,748	1,622
SQUID	24,933	553	24,934	553
MOLLUSKS, UNCLASSIFIED, . .	(2)	2	(2)	2
KELP (WITH HERRING EGGS). .	-	-	126	158
TOTAL SHELLFISH, ETC.	45,480	6,003	228,378	41,[illegible]
WHALE PRODUCTS				
MEAL.	2,190	131	2,190	131
MEAT.	1,863	149	1,863	149
OIL:				
SPERM	965	46	965	46
WHALE	1,429	70	1,429	70
TOTAL WHALE PRODUCTS.	6,447	396	6,447	396
GRAND TOTAL	448,173	54,092	1,117,449	170,394

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA AND LANDED AT CALIFORNIA PORTS.

2/ LESS THAN 500 POUNDS OR $500.

3/ SOME HALIBUT MAY BE INCLUDED WITH "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".

NOTE:--CATCH STATISTICS FOR ALASKA, WASHINGTON, AND OREGON ARE SHOWN IN ROUND WEIGHT, WHILE THOSE FOR CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED, EXCEPT FOR SHELL MOLLUSKS. IN ALL STATES, CLAMS, OYSTERS, AND SCALLOPS ARE REPORTED IN WEIGHT OF TOTAL MEATS; ABALONE, IN WEIGHT OF EDIBLE MEATS, ALASKA DATA INCLUDE THE CATCH OF HALIBUT, SABLEFISH, AND ROCKFISHES LANDED BY U.S. VESSELS AT BRITISH COLUMBIA PORTS.

PROCESSED FISHERY PRODUCTS, 1968

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
COD:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	1,784,989	$535,815
LUTEFISK	DO		-	125,000	41,380
FLOUNDER FILLETS, FRESH AND FROZEN	DO	-	-	2,667,799	1,263,492
HAKE MEAL	TONS	-	-	(1)	(1)
HALIBUT:					
FRESH AND FROZEN:					
FILLETS	POUNDS	415,972	$291,180	743,959	464,641
STEAKS	DO	-	-	3,298,613	1,720,317
CHEEKS	DO	25,335	10,493	-	-
CANNED	STANDARD CASES	7	418	-	-
SMOKED	POUNDS	-	-	463,200	183,884
HERRING, SEA:					
FROZEN BAIT	DO	4,317,378	99,074	-	-
SALTED:					
ROE	DO	278,094	544,101	-	-
EGGS WITH KELP	DO	126,269	126,270	-	-
MEAL AND SCRAP	TONS	142	20,338	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
LINGCOD:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	2,131,129	641,088
SMOKED	DO	-	-	(1)	(1)
OCEAN PERCH FILLETS, FRESH AND FROZEN	DO	-	-	3,243,396	1,001,404
ROCKFISH FILLETS, FRESH AND FROZEN	DO	-	-	2,936,458	846,929
SABLEFISH:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	93,660	23,148
SALTED	DO	-		(1)	(1)
SMOKED	DO	1,500	300	87,850	48,565
SALMON:					
FRESH AND FROZEN:					
FILLETS	DO	-	-	631,559	518,746
STEAKS	DO	-	-	592,800	535,110
BAIT	DO	1,409,357	102,555	-	-
EGGS FOR BAIT	DO	62,163	25,263	-	-
CANNED:					
CHINOOK OR KING	STANDARD CASES	43,667	1,659,346	6,654	199,319
CHUM OR KETA	DO	629,936	16,962,780	24,211	636,937
PINK	DO	1,818,159	58,181,088	23,405	691,216
RED OR SOCKEYE	DO	626,657	28,512,893	83,771	3,924,710
SILVER OR COHO	DO	119,563	4,065,142	21,441	744,508
TOTAL	DO	3,237,982	109,381,249	159,482	6,196,690
SMOKED	DO	731	65,820	1,069	95,711
EGGS FOR BAIT	DO	-	-	14,146	2,116,473
SPECIALTIES (PASTE AND SALTED LIVERS)	DO	-	-	(1)	(1)
SALTED:					
SALTED AND PICKLED	POUNDS	1,350,863	702,406	(1)	(1)
MILD-CURED	DO	965,742	924,206	1,577,500	1,532,825
CAVIAR	DO	7,359,470	8,661,073	303,545	485,437
BELLIES	DO	-	-	(1)	(1)
EGGS FOR BAIT	DO	-	-	(1)	(1)
SMOKED	DO	10,794	18,097	715,564	622,307
SHAD:					
CANNED:					
FISH	STANDARD CASES	-	-	1,190	9,622
ROE	DO	-	-	1,082	128,566
SPECIALTIES (SMOKED)	DO	-	-	(1)	(1)
STURGEON:					
CANNED (SMOKED)	DO	-	-	628	43,660
SMOKED	POUNDS	-	-	(1)	(1)
SWORDFISH STEAKS, FRESH AND FROZEN	DO	-	-	1,014,005	788,307
TUNA, CANNED:					
ALBACORE	STANDARD CASES	-	-	4/234,327	4/2,798,206
SPECIALTIES (SMOKED, CREAMED, SPREADS AND WITH NOODLES)	DO	-	-	50	3,545
ANIMAL FOOD	DO	-	-	(1)	(1)
CRABS:					
DUNGENESS:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	1,462,766	649,685	2,256,852	3,439,843
SECTIONS	DO	2,997,892	1,121,008	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, DUNGENESS, FRESH AND FROZEN - CONTINUED:					
WHOLE COOKED	DO	806,597	$308,759	-	-
CANNED:					
REGULAR	STANDARD CASES	25,773	910,847	22,841	$681,816
SPECIALTIES (SMOKED AND COCKTAILS)	DO	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	(1)	(1)
KING:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	13,862,934	33,207,495	-	-
SECTIONS	DO	3,644,449	4,163,222	-	-
CANNED, REGULAR	STANDARD CASES	94,195	5,149,969	-	-
TANNER:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	137,135	163,428	-	-
SECTIONS	DO	645,741	309,409	-	-
CANNED, REGULAR	STANDARD CASES	1,689	78,311	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	1,408,493	883,084	-	-
PEELED (INCLUDING DEVEINED):					
RAW	DO	492,967	650,879	-	-
COOKED	DO	-	-	(1)	(1)
BREADED, RAW AND COOKED	DO	-	-	(1)	(1)
CANNED, REGULAR	STANDARD CASES	559,401	5,545,082	136,398	1,003,012
CLAMS:					
HARD, CANNED:					
WHOLE AND MINCED	DO	-	-	(1)	(1)
CHOWDER AND JUICE	DO	-	-	(1)	(1)
SPECIALTIES (STEW)	DO	-	-	(1)	(1)
RAZOR:					
FRESH AND FROZEN:					
BAIT	POUNDS	1,540	500	-	-
SHUCKED	GALLONS	171	583	3,012	29,280
CANNED:					
WHOLE AND MINCED	STANDARD CASES	362	7,827	981	30 865
SPECIALTIES	DO	-	-	(1)	(1)
OYSTERS:					
SHUCKED, FRESH AND FROZEN:					
PACIFIC	GALLONS	485	2,420	548,274	3,326,641
WESTERN	DO	-	-	5,407	184,946
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SMOKED	DO	-	-	909	80,494
SPECIALTIES (SOUP AND STEWS)	DO	-	-	161,971	2,758,174
ANIMAL FOOD	DO	-	-	(1)	(1)
SCALLOPS, SEA, SHUCKED, FRESH	POUNDS	1,578,288	1,751,332	-	-
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS BREADED:					
RAW	DO	-	-	82,946	34,035
COOKED	DO	-	-	(1)	(1)
PORTIONS:					
RAW:					
NOT BREADED	DO	-	-	(1)	(1)
BREADED	DO	-	-	363,129	146,755
BREADED AND COOKED	DO	-	-	(1)	(1)
FISH AND SHELLFISH	DO	-	-	968,331	432,043
CANNED:					
ANIMAL FOOD	STANDARD CASES	-	-	255,111	1,837,609
OTHER FISH AND SHELLFISH	DO	-	-	50,080	877,892
CURED	POUNDS	-	-	121,371	68,109
INDUSTRIAL	-	-	-	-	1,190,090
TOTAL	-	-	175,881,683	-	37,495,528

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES:					
FROZEN WHOLE, FOR BAIT	POUNDS	-	-	(1)	(1)
CANNED IN TOMATO SAUCE	STANDARD CASES	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	2,762	$336,523
OIL	1,000 POUNDS	-	-	899	32,304
BARRACUDA:					
STEAKS, FRESH	POUNDS	-	-	(1)	(1)
SMOKED	DO	-	-	8,257	5,013
CATFISH:					
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED)	DO	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
COD:					
FILLETS, FRESH AND FROZEN	DO	106,219	$29,451	(2)	(2)
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED)	DO	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
FLOUNDER:					
FRESH AND FROZEN:					
DRESSED	DO	-	-	(1)	(1)
FILLETS	DO	3,126,345	1,487,981	4,866,625	2,034,313
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED)	DO	-	-	(1)	(1)
HADDOCK SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED)	DO	-	-	(1)	(1)
HALIBUT:					
FILLETS, FRESH AND FROZEN	DO	-	-	159,065	108,182
STEAKS:					
FRESH AND FROZEN	DO	(2)	(2)	1,196,909	740,560
BREADED AND COOKED, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (PUFFS, FISH AND CHIPS, AND PATTIES, BREADED AND COOKED)	DO	-	-	(1)	(1)
SMOKED	DO	-	-	121,652	82,93[illegible]
HERRING, SEA:					
FROZEN:					
DRESSED	DO	-	-	(1)	(1)
BAIT	DO	-	-	(1)	(1)
CANNED ANIMAL FOOD	STANDARD CASES	-	-	(1)	(1)
SMOKED	POUNDS	(1)	(1)	-	-
LINGCOD:					
FILLETS, FRESH AND FROZEN	DO	396,942	115,294	162,701	54,024
SMOKED	DO	-	-	(1)	(1)
MACKEREL:					
FRESH AND FROZEN:					
DRESSED	DO	-	-	(1)	(1)
FILLETS	DO	-	-	(1)	(1)
CANNED:					
JACK (NATURAL AND IN TOMATO SAUCE)	STANDARD CASES	-	-	487,265	4,028,777
PACIFIC	DO	-	-	8,159	69,345
ANIMAL FOOD	DO	-	-	(1)	(1)
SMOKED	POUNDS	-	-	825	424
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
MARLIN:					
CANNED	STANDARD CASES	-	-	(1)	(1)
SMOKED	POUNDS	-	-	(1)	(1)
OCEAN PERCH:					
FILLETS, FRESH AND FROZEN	DO	427,815	118,971	-	-
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED)	DO	-	-	(1)	(1)
PERCH FILLETS, FRESH AND FROZEN	DO	-	-	387,614	145,945
ROCKFISH:					
FILLETS, FRESH AND FROZEN	DO	1,478,739	414,607	2,170,549	754,946
SMOKED	DO	-	-	6,411	3,433
SABLEFISH:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	(2)	(2)
CANNED (SMOKED)	STANDARD CASES	(1)	(1)	-	-
SALTED	POUNDS	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	302,715	208,178
SALMON:					
FRESH AND FROZEN:					
FILLETS	DO	-	-	(2)	(2)
STEAKS	DO	(2)	(2)	756,442	634,840
SPECIALTIES (CAKES, COOKED)	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
SALMON - CONTINUED					
CANNED:					
CHINOOK OR KING	STANDARD CASES	19,893	$990,838	(3)	(3)
CHUM OR KETA	DO	392	10,949	-	-
PINK	DO	2	68	-	-
RED OR SOCKEYE	DO	4,181	240,207	-	-
SILVER OR COHO	DO	22,921	1,074,812	-	-
STEELHEAD	DO	2,846	120,651	-	-
TOTAL	DO	50,235	2,437,525	(3)	(3)
SMOKED	DO	276	21,459	(2)	(2)
SALTED:					
SALTED AND PICKLED	POUNDS	-	-	(1)	(1)
MILD CURED	DO	-	-	1,771,990	$1,725,836
CAVIAR	DO	(1)	(1)	-	-
SMOKED	DO	30,800	48,890	1,385,801	1,584,580
OIL	1,000 POUNDS	(1)	(1)	-	-
SARDINES, PACIFIC:					
CANNED	STANDARD CASES	-	-	(1)	(1)
SALTED	POUNDS	-	-	(1)	(1)
SEA BASS:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	267,457	163,630
SMOKED	DO	-	-	1,143	996
SHAD:					
CANNED:					
FISH	STANDARD CASES	(2)	(2)	-	-
ROE	DO	(2)	(2)	(2)	(2)
SPECIALTIES (SMOKED)	DO	(1)	(1)	-	-
SMOKED	POUNDS	-	-	(1)	(1)
SHARK, SMOKED	DO	-	-	2,214	1,804
SMELT:					
FROZEN:					
WHOLE	DO	-	-	(1)	(1)
BAIT	DO	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-
FREEZE-DRIED, RAW	DO	-	-	(1)	(1)
STURGEON:					
CANNED (SMOKED)	STANDARD CASES	231	18,355	-	-
SMOKED	POUNDS	(1)	(1)	(1)	(1)
SWORDFISH:					
STEAKS, FRESH AND FROZEN	DO	-	-	(2)	(2)
SMOKED	DO	-	-	13,737	18,488
TUNA:					
CANNED:					
ALBACORE	STANDARD CASES	4/1,544,055	4/21,395,689	2,057,350	30,876,931
LIGHTMEAT	DO	-	-	6,985,570	91,472,381
TOTAL	DO	4/1,544,055	4/21,395,689	9,042,920	122,349,312
SPECIALTIES (SMOKED, CREAMED, SPREADS AND WITH NOODLES)	DO	(2)	(2)	23,702	571,493
ANIMAL FOOD	DO	46,851	512,563	1,317,531	16,269,825
SMOKED	POUNDS	(1)	(1)	260,559	309,826
MEAL AND SCRAP	TONS	-	-	14,700	1,579,134
OIL	1,000 POUNDS	-	-	3,800	135,709
SOLUBLES	TONS	-	-	(1)	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (SMOKED)	DO	-	-	(1)	(1)
SMOKED	POUNDS	-	-	84,935	57,463
WAHOO, SMOKED	DO	-	-	(1)	(1)
WHITEFISH, SMOKED	DO	-	-	102,111	87,359
WHITING, SMOKED	DO	-	-	(1)	(1)
CRABS:					
DUNGENESS:					
FRESH AND FROZEN:					
COOKED MEAT	DO	1,607,445	2,244,983	3,252,841	3,890,330
SPECIALTIES, (COCKTAILS AND DIPS)	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, DUNGENESS - CONTINUED					
CANNED:					
REGULAR	STANDARD CASES	7,423	$ 238,121	(2)	(2)
SPECIALTIES (SMOKED AND COCKTAILS)	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
LOBSTERS, SPINY, FROZEN:					
WHOLE, COOKED	POUNDS	-	-	(1)	(1)
TAILS, RAW	DO	-	-	(1)	(1)
SHRIMP:					
FRESH AND FROZEN:					
RAW HEADLESS	DO	-	-	292,564	$ 358,052
PEELED (INCLUDING DEVEINED):					
RAW	DO	941,682	1,234,750	239,035	291,261
COOKED	DO	702,498	1,016,903	1,408,942	1,969,277
BREADED, RAW AND COOKED	DO	-	-	8,411,312	9,982,711
SPECIALTIES (COCKTAILS REFRIGERATED, DIPS AND PUFFS)	DO	-	-	1,576,904	1,266,510
CANNED:					
REGULAR	STANDARD CASES	(2)	(2)	-	-
SPECIALTIES (COCKTAILS AND PICKLED PRAWNS)	DO	(1)	(1)	-	-
SMOKED	POUNDS	-	-	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)	-	-
ABALONE:					
STEAKS:					
FRESH AND FROZEN	POUNDS	-	-	865,904	1,697,444
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES FROZEN, (PATTIES, BREADED RAW)	DO	-	-	(1)	(1)
CANNED:					
NATURAL	STANDARD CASES	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
CLAMS:					
HARD, CANNED, WHOLE AND MINCED	DO	-	-	(1)	(1)
RAZOR:					
FRESH AND FROZEN, SHUCKED	GALLONS	(1)	(1)	-	-
CANNED:					
WHOLE AND MINCED	STANDARD CASES	(2)	(2)	-	-
SPECIALTIES (SMOKED)	DO	(1)	(1)	-	-
OYSTERS:					
SHUCKED, FRESH AND FROZEN:					
EASTERN	GALLONS	-	-	(1)	(1)
PACIFIC	DO	146,712	802,860	82,063	372,156
WESTERN	DO	1,001	30,030	-	-
BREADED RAW:					
EASTERN	POUNDS	-	-	298,455	237,060
PACIFIC	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (SOUP AND STEWS)	DO	(1)	(1)	-	-
SHELL, GRIT AND LIME	TONS	(1)	(1)	(1)	(1)
SCALLOPS, SEA:					
BREADED, RAW AND COOKED FROZEN	POUNDS	-	-	1,020,734	1,206,051
SPECIALTIES, FROZEN (IN SAUCES)	DO	-	-	(1)	(1)
SQUID:					
FROZEN:					
FOR BAIT	DO	-	-	(1)	(1)
NATURAL	DO	-	-	9,254,327	898,047
CANNED	STANDARD CASES	-	-	(1)	(1)
WHALE:					
MEAT, FROZEN (FOR ANIMAL FOOD)	POUNDS	-	-	1,862,689	149,014
MEAL	TONS	-	-	1,095	131,242
OIL:					
SPERM	1,000 POUNDS	-	-	965	45,687
OTHER	DO	-	-	1,429	70,174
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS BREADED:					
RAW	POUNDS	-	-	764,563	341,868
COOKED	DO	-	-	11,498,870	6,396,362
PORTIONS:					
RAW:					
NOT BREADED	DO	-	-	28,044	12,857
BREADED	DO	-	-	2,564,377	1,138,738
BREADED AND COOKED	DO	-	-	(1)	(1)
FISH AND SHELLFISH	DO	(5)	(5)	6,043,785	4,072,495

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED - CONTINUED					
CANNED:					
ANIMAL FOOD.	STANDARD CASES	749,371	$ 5,138,082	421,438	$ 3,068,462
OTHER, FISH AND SHELLFISH. . .	DO	1,413	79,185	578,619	3,800,423
CURED.	POUNDS	31,184	38,200	492,758	280,891
INDUSTRIAL	-	-	680,626	-	12,699,491
TOTAL.	-	-	39,105,289	-	208,760,954

1/ INCLUDED WITH UNCLASSIFIED.
2/ THE PRODUCTION OF CERTAIN ITEMS IN OREGON OR CALIFORNIA HAVE BEEN INCLUDED WITH WASHINGTON.
3/ A SMALL PRODUCTION OF CANNED SALMON PRODUCED IN CALIFORNIA HAS BEEN INCLUDED WITH OREGON.
4/ THE PACK OF LIGHTMEAT HAS BEEN INCLUDED WITH ALBACORE.
5/ INCLUDED WITH CURED FISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH.	20,113
FROZEN	86,019
CANNED	319,801
CURED.	18,394
INDUSTRIAL	16,917
TOTAL.	461,244

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
ALASKA	175,882
WASHINGTON	37,496
OREGON	39,105
CALIFORNIA	208,761
TOTAL.	461,244

WHOLESALING AND PROCESSING, 1968

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	161	153	59	202	575
PERSONS ENGAGED:					
AVERAGE FOR SEASON	8,983	3,621	3,279	11,795	27,678
AVERAGE FOR YEAR	3,800	2,504	2,248	9,503	18,055

ALASKA FISHERIES

CATCH BY REGIONS, 1968

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
FISH	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	4,750,000	$695,748	8,699,400	$1,196,142
HERRING, SEA	3,632,600	36,326	4,316,100	43,161
ROCKFISHES 1/	28,300	1,981	6,900	411
SABLEFISH	248,000	32,242	400	52
SALMON: 3/				
CHINOOK OR KING	5,372,200	2,310,023	466,300	149,214
CHUM OR KETA	28,822,400	4,035,138	23,014,400	2,531,581
PINK	82,781,900	12,417,273	56,003,600	6,720,438
RED OR SOCKEYE	5,815,400	1,744,628	25,828,000	6,715,274
SILVER OR COHO	12,190,400	3,413,326	6,515,200	1,563,642
TOTAL SALMON	134,982,300	23,920,388	111,827,500	17,680,149
TROUT:				
LAKE	(2)	1	-	-
STEELHEAD	48,200	9,157	-	-
SMELT	30,000	5,400	-	-
WHITEFISH	-	-	1,900	534
TOTAL FISH	143,719,400	24,701,243	124,852,200	18,920,449
SHELLFISH, ETC.				
CRABS:				
DUNGENESS	3,996,800	479,617	9,250,900	1,295,121
KING	2,199,800	791,918	37,559,500	10,516,665
TANNER	109,200	9,830	3,102,900	310,287
SHRIMP	2,103,700	126,000	39,973,400	1,735,213
CLAMS, RAZOR (MEATS)	-	-	33,100	19,806
OYSTERS (MEATS)	4,200	2,332	-	-
SCALLOPS, SEA (MEATS)	927,800	974,185	785,700	612,859
KELP (WITH HERRING EGGS)	71,700	89,625	54,600	68,250
TOTAL SHELLFISH, ETC.	9,413,200	2,473,507	90,760,100	14,558,201
GRAND TOTAL	153,132,600	27,174,750	215,612,300	33,478,650

SPECIES	WESTERN ALASKA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
ARCTIC CHAR	4,400	$1,000	4,400	$1,000
HALIBUT	-	-	13,449,400	1,891,890
HERRING, SEA	177,600	1,776	8,126,300	81,263
PIKE OR PICKEREL	100	18	100	18
ROCKFISHES 1/	(2)	1	35,200	2,393
SABLEFISH	-	-	248,400	32,294
SALMON: 3/				
CHINOOK OR KING	5,407,300	1,405,894	11,245,800	3,865,131
CHUM OR KETA	4,079,400	448,736	55,916,200	7,015,455
PINK	9,660,400	1,352,461	148,445,900	20,490,172
RED OR SOCKEYE	17,052,400	4,263,107	48,695,800	12,723,009
SILVER OR COHO	2,262,800	384,676	20,968,400	5,361,644
TOTAL SALMON	38,462,300	7,854,874	285,272,100	49,455,411
TROUT:				
LAKE	22,500	4,272	22,500	4,273
STEELHEAD	(2)	2	48,200	9,159
SHEEFISH	2,700	800	2,700	800
SMELT	-	-	30,000	5,400
WHITEFISH	13,800	3,866	15,700	4,400
TOTAL FISH	38,683,400	7,866,609	307,255,000	51,488,301
SHELLFISH, ETC.				
CRABS:				
DUNGENESS	-	-	13,247,700	1,774,738
KING	42,278,200	10,569,552	82,037,500	21,878,135
TANNER	34,700	3,473	3,246,800	323,590
SHRIMP	-	-	42,077,100	1,861,213
CLAMS, RAZOR (MEATS)	-	-	33,100	19,806
OYSTERS (MEATS)	-	-	4,200	2,332
SCALLOPS, SEA (MEATS)	-	-	1,713,500	1,587,044
KELP (WITH HERRING EGGS)	-	-	126,300	157,875
TOTAL SHELLFISH, ETC.	42,312,900	10,573,025	142,486,200	27,604,733
GRAND TOTAL	80,996,300	18,439,634	449,741,200	79,093,034

1/ INCLUDES LINGCOD. 2/ LESS THAN 50 POUNDS. 3/ THE ROUND WEIGHTS USED IN CATCH TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

NOTE:--THE ABOVE DATA INCLUDE LANDINGS OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES BY VESSELS OF U.S. REGISTRY IN BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH EVISCERATED AND WITH HEADS-OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; SABLEFISH AND ROCKFISHES, 1.43.

PACIFIC COAST FISHERIES

SOUTHEASTERN REGION OF ALASKA
OPERATING UNITS BY GEAR, 1968

ITEM	PURSE SEINES		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH
	HERRING	SALMON		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	18	2,556	45	4
ON BOATS AND SHORE. . . .	-	14	3	-
TOTAL	18	2,570	48	4
VESSELS, MOTOR.	3	426	15	1
GROSS TONNAGE	105	14,131	362	70
BOATS, MOTOR.	3	443	1	-
GEAR:				
NUMBER.	3	439	16	1
LENGTH, YARDS	1,500	213,450	-	-
YARDS AT MOUTH.	-	-	175	15

ITEM	FLOATING TRAPS	POTS		
		CRAB		
		DUNGENESS	KING	TANNER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	156	828	12
ON BOATS AND SHORE. . . .	8	-	-	-
TOTAL	8	156	828	12
VESSELS, MOTOR.	-	52	276	4
GROSS TONNAGE	-	3,337	24,548	307
GEAR, NUMBER.	4	9,950	28,247	330

ITEM	POTS - CONTINUED	GILL NETS		LINES
	SHRIMP	ANCHOR, SET OR STAKE	DRIFT	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	12	-	332	1,032
ON BOATS AND SHORE. . . .	2	168	215	2,148
TOTAL	14	168	547	3,180
VESSELS, MOTOR.	6	-	166	516
GROSS TONNAGE	214	-	2,206	9,991
BOATS, MOTOR.	1	168	215	1,213
GEAR:				
NUMBER.	870	168	381	6,360
LENGTH, YARDS	-	23,688	210,700	-
SQUARE YARDS.	-	87,864	1,053,000	-
HOOKS OR BAITS.	-	-	-	37,884

ITEM	LINES - CONTINUED	DREDGES, SCALLOP, SEA	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	198	40	4	4,680
ON BOATS AND SHORE. . . .	34	-	400	2,865
TOTAL	232	40	404	7,545
VESSELS, MOTOR.	46	8	2	1,031
GROSS TONNAGE	1,033	1,033	81	25,097
BOATS, MOTOR.	20	-	200	2,215
GEAR:				
NUMBER.	1,584	- 8	-	-
YARDS AT MOUTH.	-	64	-	-
HOOKS OR BAITS.	132,491	-	-	-

PACIFIC COAST FISHERIES

SOUTHEASTERN REGION OF ALASKA
CATCH BY GEAR, 1968

SPECIES	PURSE SEINES		BEAM TRAWLS, SHRIMP		OTTER TRAWLS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	3,632,600	$36,326	-	-	-	-
ROCKFISHES 1/	-	-	200	$10	5,800	$545
SALMON:						
CHINOOK OR KING	260,000	55,851	-	-	-	-
CHUM OR KETA	24,518,000	3,058,634	-	-	-	-
PINK	79,500,400	11,784,575	-	-	-	-
RED OR SOCKEYE	3,380,700	878,293	-	-	-	-
SILVER OR COHO	3,867,400	417,926	-	-	-	-
TOTAL SALMON	111,526,500	16,195,279	-	-	-	-
SMELT	30,000	5,400	-	-	-	-
STEELHEAD TROUT	20,100	3,818	-	-	-	-
SHRIMP	-	-	2,085,500	124,900	2,900	180
TOTAL	115,209,200	16,240,823	2,085,700	124,910	8,700	725

SPECIES	FLOATING TRAPS		POTS			
			CRAB			
			DUNGENESS		KING	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	2,000	$849	-	-	-	-
CHUM OR KETA	35,000	4,164	-	-	-	-
PINK	810,600	110,173	-	-	-	-
RED OR SOCKEYE	27,800	7,229	-	-	-	-
SILVER OR COHO	13,100	1,315	-	-	-	-
TOTAL SALMON	888,500	123,730	-	-	-	-
CRABS:						
DUNGENESS	-	-	3,996,800	$479,617	-	-
KING	-	-	-	-	2,199,800	$791,918
TOTAL	888,500	123,730	3,996,800	479,617	2,199,800	791,918

SPECIES	POTS - CONTINUED				GILL NETS	
	CRAB - CONTINUED		SHRIMP		ANCHOR, SET OR STAKE	
	TANNER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAKE TROUT	-	-	-	-	(2)	$1
SALMON:						
CHINOOK OR KING	-	-	-	-	16,100	4,620
CHUM OR KETA	-	-	-	-	231,000	52,329
PINK	-	-	-	-	9,900	1,900
RED OR SOCKEYE	-	-	-	-	645,900	226,802
SILVER OR COHO	-	-	-	-	853,400	211,626
TOTAL SALMON	-	-	-	-	1,756,300	497,277
STEELHEAD TROUT	-	-	-	-	100	17
CRABS, TANNER	109,200	$9,830	-	-	-	-
SHRIMP	-	-	15,300	$920	-	-
TOTAL	109,200	9,830	15,300	920	1,756,400	497,295

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT		TROLL		LONG OR SET AND HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	-	-	4,750,000	$695,748
ROCKFISHES 1/	-	-	6,800	$643	15,500	783
SABLEFISH	-	-	-	-	248,000	32,242
SALMON:						
CHINOOK OR KING	255,200	$83,980	4,838,900	2,164,723	-	-
CHUM OR KETA	4,009,500	911,941	28,900	8,070	-	-
PINK	2,047,100	434,100	413,900	86,525	-	-
RED OR SOCKEYE	1,757,300	630,908	3,700	1,396	-	-
SILVER OR COHO	1,733,200	429,575	5,723,300	2,352,884	-	-
TOTAL SALMON	9,802,300	2,490,504	11,008,700	4,613,598	-	-
STEELHEAD TROUT	27,700	5,256	300	66	-	-
TOTAL	9,830,000	2,495,760	11,015,800	4,614,307	5,013,500	728,773

SPECIES	DREDGES, SCALLOP, SEA		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS	-	-	4,200	$2,332
SCALLOPS, SEA	927,800	$974,185	-	-
KELP (WITH HERRING EGGS)	-	-	71,700	89,625
TOTAL	927,800	974,185	75,900	91,957

1/ INCLUDES LINGCOD. 2/ LESS THAN 500 POUNDS.

PACIFIC COAST FISHERIES

CENTRAL REGION OF ALASKA - OPERATING UNITS BY GEAR, 1968

ITEM	PURSE SEINES 1/		BEAM TRAWLS, SHRIMP	OTTER TRAWLS	
	HERRING	SALMON		FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	36	3,048	18	20	78
ON BOATS AND SHORE. . . .	-	620	3	3	12
TOTAL	36	3,668	21	23	90
VESSELS, MOTOR.	6	508	6	5	26
GROSS TONNAGE	103	9,259	845	807	1,555
BOATS, MOTOR.	6	1,111	1	1	6
GEAR:					
NUMBER.	6	919	7	6	32
LENGTH, YARDS	2,400	248,142	77	-	-
YARDS AT MOUTH.	-	-	77	87	462

ITEM	POTS			GILL NETS		
	CRAB			SHRIMP	ANCHOR, SET OR STAKE	DRIFT
	DUNGENESS	KING	TANNER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	147	714	408	2	78	610
ON BOATS AND SHORE. . . .	12	56	26	-	798	964
TOTAL	159	770	434	2	876	1,574
VESSELS, MOTOR.	49	238	136	1	39	305
GROSS TONNAGE	3,084	20,448	11,052	25	672	4,083
BOATS, MOTOR.	10	28	13	-	798	964
GEAR:						
NUMBER.	9,850	25,400	15,315	200	837	1,269
LENGTH, YARDS	-	-	-	-	192,510	358,960
SQUARE YARDS.	-	-	-	-	700,736	1,529,169

ITEM	LINES		DREDGES, SCALLOP	SHOVELS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL	LONG OR SET WITH HOOKS				
	NUMBER	NUMBER	NJMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	10	616	55	-	-	5,367
ON BOATS AND SHORE. . . .	15	222	-	41	100	2,687
TOTAL	25	838	55	41	100	8,054
VESSELS, MOTOR.	5	145	11	-	-	1,408
GROSS TONNAGE	157	4,963	1,262	-	-	42,440
BOATS, MOTOR.	10	111	-	-	50	3,404
GEAR:						
NUMBER.	60	5,076	11	41	200	-
YARDS AT MOUTH.	-		88	-	-	-
HOOKS OR BAITS.	360	418,116	-	-	-	-

1/ INCLUDES HAUL SEINES.

CENTRAL REGION OF ALASKA - CATCH BY GEAR, 1968

SPECIES	PURSE SEINES 1/		BEAM TRAWLS, SHRIMP		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	3,988,200	$39,882	-	-	-	-
ROCKFISHES	-	-	-	-	6,900	$411
SALMON:						
CHINOOK OR KING	95,200	26,956	-	-	-	-
CHUM OR KETA	12,447,800	1,293,106	-	-	-	-
PINK	45,875,000	5,505,004	-	-	-	-
RED OR SOCKEYE	11,469,000	2,778,386	-	-	-	-
SILVER OR COHO	697,900	167,477	-	-	-	-
TOTAL SALMON	70,584,900	9,770,929	-	-	-	-
SHRIMP	-	-	40,000	$1,600	-	-
SCALLOPS, SEA	-	-	32,900	25,683	-	-
TOTAL	74,573,100	9,810,811	72,900	27,283	6,900	411

SPECIES	OTTER TRAWLS - CONTINUED		POTS			
	SHRIMP		CRAB			
			DUNGENESS		KING	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS:						
DUNGENESS	-	-	9,250,900	$1,295,121	-	-
KING	-	-	-	-	37,559,500	$10,516,665
SCALLOPS, SEA	39,853,000	$1,730,487	-	-	-	-
TOTAL	39,853,000	1,730,487	9,250,900	1,295,121	37,559,500	10,516,665

SPECIES	POTS - CONTINUED				GILL NETS	
	CRAB - CONTINUED		SHRIMP		ANCHOR, SET OR STAKE	
	TANNER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	-	-	105,700	$35,534
CHUM OR KETA	-	-	-	-	1,472,300	187,060
PINK	-	-	-	-	7,067,000	848,046
RED OR SOCKEYE	-	-	-	-	4,950,900	1,354,944
SILVER OR COHO	-	-	-	-	2,305,900	553,370
TOTAL SALMON	-	-	-	-	15,901,800	2,978,954
WHITEFISH	-	-	-	-	1,900	534
CRABS, TANNER	3,102,900	$310,287	-	-	-	-
SHRIMP	-	-	80,400	$3,126	-	-
TOTAL	3,102,900	310,287	80,400	3,126	15,903,700	2,979,488

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	-	-	8,699,400	$1,196,142
HERRING	327,900	$3,279	-	-	-	-
SABLEFISH	-	-	-	-	400	52
SALMON:						
CHINOOK OR KING	236,500	76,983	28,900	$9,741	-	-
CHUM OR KETA	9,094,300	1,051,415	-	-	-	-
PINK	3,060,200	367,226	1,400	162	-	-
RED OR SOCKEYE	9,408,100	2,581,944	-	-	-	-
SILVER OR COHO	3,478,600	834,925	32,800	7,870	-	-
TOTAL SALMON	25,277,700	4,912,493	63,100	17,773	-	-
TOTAL	25,605,600	4,915,772	63,100	17,773	8,699,800	1,196,194

SPECIES	DREDGES, SCALLOP		SHOVELS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, RAZOR	-	-	33,100	$19,806	-	-
SCALLOPS, SEA	752,800	$587,176	-	-	-	-
KELP (WITH HERRING EGGS)	-	-	-	-	54,600	$68,250
TOTAL	752,800	587,176	33,100	19,806	54,600	68,250

1/ INCLUDES HAUL SEINES.

WESTERN REGION OF ALASKA OPERATING UNITS BY GEAR, 1968

ITEM	PURSE SEINES, SALMON 1/	POTS, CRAB		GILL NETS	
		KING	TANNER	ANCHOR, SET OR STAKE	DRIFT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	144	261	33	16	470
ON BOATS AND SHORE	34	66	3	1,588	2,664
TOTAL	178	327	36	1,604	3,134
VESSELS, MOTOR	24	87	11	8	235
GROSS TONNAGE	550	13,235	1,471	503	3,305
BOATS, MOTOR	44	22	1	1,271	2,131
GEAR:					
NUMBER	63	8,947	1,130	1,279	2,366
LENGTH, YARDS	13,200	-	-	199,163	416,900
SQUARE YARDS	-	-	-	869,400	1,438,300

ITEM	DIP NETS, COMMON	FISH WHEELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	-	-	1,327
ON BOATS AND SHORE	5	6	3,998
TOTAL	5	6	5,325
VESSELS, MOTOR	-	-	487
GROSS TONNAGE	-	-	21,512
BOATS, MOTOR	-	-	3,420
GEAR, NUMBER	5	6	-

1/ INCLUDES HAUL SEINES.

WESTERN REGION OF ALASKA - CATCH BY GEAR, 1968

SPECIES	PURSE SEINES 1/		POTS, CRAB			
			KING		TANNER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	300	$75	-	-	-	-
CHUM OR KETA	393,700	43,307	-	-	-	-
PINK	2,901,500	406,300	-	-	-	-
RED OR SOCKEYE	75,900	18,975	-	-	-	-
SILVER OR COHO	14,900	2,533	-	-	-	-
TOTAL SALMON	3,386,300	471,190	-	-	-	-
CRABS:						
KING	-	-	42,278,200	$10,569,552		
TANNER	-	-	-	-	34,700	$3,473
GRAND TOTAL	3,386,300	471,190	42,278,200	10,569,552	34,700	3,473

SPECIES	GILL NETS			
	ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE
ARCTIC CHAR	4,400	$1,000	-	-
HERRING, SEA	-	-	177,600	$1,776
LAKE TROUT	22,500	4,272	-	-
PIKE OR PICKEREL	100	18	-	-
ROCKFISHES	(2)	1	-	-
SALMON:				
CHINOOK OR KING	1,407,600	365,922	3,990,900	1,037,581
CHUM OR KETA	1,087,500	119,625	2,598,200	285,804
PINK	945,300	132,342	5,813,600	813,819
RED OR SOCKEYE	1,724,900	431,225	15,251,600	3,812,907
SILVER OR COHO	528,400	89,828	1,719,500	292,315
TOTAL SALMON	5,693,700	1,138,942	29,373,800	6,242,426
SHEEFISH	2,700	800	-	-
STEELHEAD TROUT	(2)	2	-	-
WHITEFISH	9,000	2,520	2,000	560
GRAND TOTAL	5,732,400	1,147,555	29,553,400	6,244,762

SPECIES	DIP NETS, COMMON		FISH WHEELS	
	POUNDS	VALUE	POUNDS	VALUE
SALMON, CHINOOK OR KING	-	-	8,500	$2,316
WHITEFISH	2,800	$786	-	-
GRAND TOTAL	2,800	786	8,500	2,316

1/ INCLUDES HAUL SEINES. 2/ LESS THAN 50 POUNDS.

PACIFIC COAST FISHERIES

WASHINGTON

CATCH BY DISTRICTS, 1968

SPECIES	PUGET SOUND		COASTAL		COLUMBIA RIVER	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	104,500	$3,135	237,100	$7,113
CARP	-	-	-	-	1,198,300	5,908
COD	5,536,700	$320,932	2,100	114	-	-
FLOUNDERS:						
"SOLE"	8,254,900	629,965	80,900	7,169	-	-
OTHER	1,957,700	96,316	800	40	1,600	24
HAKE	9,386,000	88,729	-	-	-	-
HALIBUT	12,118,900	2,304,344	15,800	2,178	200	29
HERRING, SEA	6,447,500	253,780	-	-	-	-
LINGCOD	6,088,300	359,711	155,700	8,123	2,500	102
MACKEREL	800	40	-	-	-	-
OCEAN PERCH	11,802,500	642,900	-	-	-	-
PERCH	164,800	19,319	800	69	-	-
POLLOCK	348,400	4,667	-	-	-	-
RATFISH	799,000	9,283	-	-	-	-
ROCKFISHES	10,377,100	577,125	255,200	9,832	40,000	797
SABLEFISH	375,500	38,147	300	20	-	-
SALMON:						
CHINOOK OR KING	2,173,000	1,063,771	2,192,600	1,102,535	1,831,900	625,650
CHUM OR KETA	5,322,900	1,317,620	224,000	39,943	900	110
PINK	17,200	4,187	3,600	737	-	-
RED OR SOCKEYE	5,181,800	2,225,128	71,100	34,061	36,600	13,759
SILVER OR COHO	3,840,700	1,352,389	3,472,500	1,342,278	1,385,200	502,520
TOTAL SALMON	16,535,600	5,963,095	5,963,800	2,519,554	3,254,600	1,142,039
SHAD	100	5	2,000	139	43,600	2,970
SHARKS:						
GRAYFISH	685,600	3,764	-	-	-	-
OTHER	11,600	63	-	-	-	-
TOTAL SHARKS	697,200	3,827	-	-	-	-
SKATES	387,900	4,300	-	-	-	-
SMELT:						
EULACHON	300	231	-	-	832,500	98,949
SURF OR SILVER	42,700	6,134	205,600	20,161	-	-
STEELHEAD TROUT	75,000	24,000	120,000	36,000	41,100	11,562
STURGEON, COMMON	38,100	3,105	163,800	17,074	56,500	8,766
SUCKERS	-	-	-	-	9,100	45
TOMCOD	226,900	3,025	-	-	-	-
TUNA, ALBACORE	61,500	12,182	566,600	107,492	2,421,500	485,747
TOTAL FISH	91,723,400	11,365,162	7,637,900	2,731,100	8,138,600	1,764,051
SHELLFISH, ETC.						
CRABS, DUNGENESS 1/	849,800	155,883	7,224,000	1,319,330	1,281,300	234,085
SHRIMP:						
BAY	25,100	12,288	-	-	-	-
OCEAN	-	-	1,163,900	104,443	-	-
CLAMS:						
HARD: 2/						
BUTTER	52,800	15,235	-	-	-	-
LITTLE NECK	156,400	82,382	5,800	4,261	-	-
MANILA	106,500	54,102	2,200	1,214	-	-
RAZOR 3/	-	-	133,600	84,770	-	-
TOTAL CLAMS	315,700	151,719	141,600	90,245	-	-
OCTOPUS	24,900	2,920	-	-	-	-
OYSTERS, MARKET:						
PACIFIC 4/	2,513,100	932,538	3,904,900	1,447,385	-	-
WESTERN 5/	56,900	170,802	-	-	-	-
TOTAL OYSTERS	2,570,000	1,103,340	3,904,900	1,447,385	-	-
SCALLOPS, SEA 6/	35,400	34,580	-	-	-	-
SQUID	700	70	-	-	-	-
TOTAL SHELLFISH, ETC.	3,821,600	1,460,800	12,434,400	2,961,403	1,281,300	234,085
GRAND TOTAL	95,545,000	12,825,962	20,072,300	5,692,503	9,419,900	1,998,136

1/ CRABS AVERAGED 21.7 POUNDS PER DOZEN IN THE PUGET SOUND DISTRICT, 24.2 POUNDS PER DOZEN ON THE COAST AND 24 POUNDS PER DOZEN IN THE COLUMBIA RIVER DISTRICT.

2/ BASED ON A YIELD OF 25 PERCENT MEATS.

3/ BASED ON A YIELD OF 42 PERCENT MEATS.

4/ BASED ON A YIELD OF 10 PERCENT MEATS IN THE PUGET SOUND DISTRICT AND 12 PERCENT MEATS IN THE COASTAL DISTRICT.

5/ BASED ON A YIELD OF 18 PERCENT MEATS.

6/ SCALLOPS WERE CAUGHT OFF ALASKA AND LANDED AS SHUCKED MEATS. BASED ON A YIELD OF 17 PERCENT MEATS.

PUGET SOUND DISTRICT OF WASHINGTON OPERATING UNITS, 1968

ITEM	HAUL SEINES, COMMON 1/	PURSE SEINES		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	MID-WATER TRAWLS
		HERRING	SALMON			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	39	23	1,237	2	338	35
ON BOATS AND SHORE	145	-	-	4	-	-
TOTAL	184	23	1,237	6	338	35
VESSELS, MOTOR	13	3	179	1	90	9
GROSS TONNAGE	151	135	6,751	12	4,761	659
BOATS:						
MOTOR	43	3	179	2	-	-
OTHER	15	-	-	-	-	-
GEAR:						
NUMBER	71	3	179	3	90	9
LENGTH, YARDS	5,825	1,275	96,045	-	-	-
YARDS AT MOUTH	-	-	-	24	1,964	297

ITEM	BRUSH WEIRS	POUND NETS, FISH 2/	POTS			GILL NETS, SALMON	
			CRAB	OCTOPUS	SHRIMP	ANCHOR, SET OR STAKE 2/	DRIFT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	34	-	-	-	358
ON BOATS AND SHORE	4	12	72	3	6	140	750
TOTAL	4	12	106	3	6	140	1,108
VESSELS, MOTOR	-	-	17	-	-	-	270
GROSS TONNAGE	-	-	470	-	-	-	3,091
BOATS:							
MOTOR	1	3	50	3	4	110	683
OTHER	-	-	1	-	-	20	-
GEAR:							
NUMBER	1	3	4,950	200	100	130	953
SQUARE YARDS	-	-	-	-	-	32,500	5,850,000

ITEM	LINES					DIP NETS, COMMON	REEF NETS
	HAND	TROLL			LONG OR SET WITH HOOKS		
		SALMON	TUNA	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	298	15	4	337	12	-
ON BOATS AND SHORE	10	440	-	8	-	21	220
TOTAL	10	738	15	12	337	33	220
VESSELS, MOTOR	-	202	7	4	59	4	-
GROSS TONNAGE	-	3,155	155	57	2,958	32	-
BOATS:							
MOTOR	10	365	-	8	-	9	-
OTHER	-	-	-	-	-	-	110
GEAR:							
NUMBER	20	2,428	65	24	2,715	33	55
HOOKS OR BAITS	40	10,366	65	48	252,385	-	-

ITEM	DREDGES				SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER		SCALLOP			
		COMMON	SUCTION				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	2	14	2	23	-	-	2,548
ON BOATS AND SHORE	2	8	-	-	118	125	2,042
TOTAL	4	22	2	23	118	125	4,590
VESSELS, MOTOR	1	6	1	2	-	-	794
GROSS TONNAGE	10	124	41	249	-	-	20,378
BOATS:							
MOTOR	1	4	-	-	-	28	1,471
OTHER	-	-	-	-	-	14	160
GEAR:							
NUMBER	2	20	1	4	118	-	-
YARDS AT MOUTH	2	40	-	16	-	-	-

1/ INCLUDES 8 HAUL SEINES OPERATED ON INDIAN RESERVATIONS.

2/ FISHED ON INDIAN RESERVATIONS.

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON
CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON 1/		PURSE SEINES			
			HERRING		SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA.	643,300	$110,348	5,487,200	$78,117	-	-
LINGCOD	-	-	-	-	400	$23
PERCH	160,700	18,927	-	-	-	-
ROCKFISHES.	900	39	-	-	-	-
SALMON:						
CHINOOK OR KING	26,000	11,621	-	-	715,400	351,271
CHUM OR KETA.	23,500	5,068	-	-	2,682,700	697,508
PINK.	-	-	-	-	600	98
RED OR SOCKEYE.	-	-	-	-	2,631,600	1,126,753
SILVER OR COHO.	5,400	1,797	-	-	811,200	276,615
SMELT:						
EULACHON.	300	231	-	-	-	-
SURF OR SILVER.	38,600	5,564	-	-	-	-
TOTAL	898,700	153,595	5,487,200	78,117	6,841,900	2,452,268

SPECIES	BEAM TRAWLS, SHRIMP		OTTER TRAWLS, FISH		MID-WATER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	5,536,700	$320,932	-	-
FLOUNDERS:						
"SOLE".	-	-	8,254,900	629,965	-	-
OTHER	-	-	1,957,700	96,316	-	-
HAKE.	-	-	386,800	7,736	8,999,200	$80,993
LINGCOD	-	-	5,906,900	343,783	-	-
MACKEREL.	-	-	800	40	-	-
OCEAN PERCH	-	-	11,802,500	642,900	-	-
PERCH	-	-	4,100	392	-	-
POLLOCK	-	-	329,500	4,525	18,900	142
RATFISH	-	-	799,000	9,283	-	-
ROCKFISHES.	-	-	10,295,300	573,459	-	-
SABLEFISH	-	-	228,000	15,968	-	-
SHAD.	-	-	100	5	-	-
SHARKS:						
GRAYFISH.	-	-	678,500	3,726	-	-
OTHER	-	-	11,600	63	-	-
SKATES.	-	-	387,900	4,300	-	-
STURGEON, COMMON.	-	-	37,800	3,074	-	-
TOMCOD.	-	-	226,900	3,025	-	-
SHRIMP, BAY	11,000	$4,375	-	-	-	-
OCTOPUS	-	-	14,800	1,378	-	-
SQUID	-	-	700	70	-	-
TOTAL	11,000	4,375	46,860,500	2,660,940	9,018,100	81,135

SPECIES	BRUSH WEIRS		POUND NETS, FISH 2/		POTS	
					CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA.	111,400	$16,737	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	26,600	$13,699	-	-
CHUM OR KETA.	-	-	5,000	1,112	-	-
RED OR SOCKEYE.	-	-	2,200	952	-	-
SILVER OR COHO.	-	-	52,800	17,675	-	-
CRABS, DUNGENESS 3/	-	-	-	-	849,800	$155,883
TOTAL	111,400	16,737	86,600	33,438	849,800	155,883

SPECIES	POTS - CONTINUED				GILL NETS	
	OCTOPUS		SHRIMP		ANCHOR, SET OR STAKE 2/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	-	-	358,300	$142,099
CHUM OR KETA.	-	-	-	-	535,100	84,925
RED OR SOCKEYE.	-	-	-	-	7,700	3,074
SILVER OR COHO.	-	-	-	-	248,600	79,200
STEELHEAD TROUT	-	-	-	-	75,000	24,000
STURGEON, COMMON.	-	-	-	-	100	5
SHRIMP, BAY	-	-	14,100	$7,913	-	-
OCTOPUS	10,000	$1,530	-	-	-	-
TOTAL	10,000	1,530	14,100	7,913	1,224,800	333,303

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON
CATCH BY GEAR, 1968 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SALMON		HAND		TROLL	
					SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	-	-	48,400	$8,048
LINGCOD	700	$40	23,900	$1,875	36,000	1,990
ROCKFISHES	200	5	10,600	555	21,400	685
SALMON:						
CHINOOK OR KING	824,500	416,363	-	-	209,100	122,347
CHUM OR KETA	2,066,500	526,955	-	-	400	106
PINK	500	96	-	-	16,100	3,993
RED OR SOCKEYE	2,162,800	932,365	-	-	900	390
SILVER OR COHO	1,969,200	677,416	-	-	716,500	287,209
SHARKS, GRAYFISH	7,100	38	-	-	-	-
STURGEON, COMMON	200	26	-	-	-	-
OCTOPUS	-	-	100	12	-	-
TOTAL	7,031,700	2,553,304	34,600	2,442	1,048,800	424,768

SPECIES	LINES - CONTINUED					
	TROLL - CONTINUED				LONG OR SET WITH HOOKS	
	TUNA		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	-	-	12,070,500	$2,296,296
LINGCOD	-	-	102,600	$11,000	17,800	1,000
ROCKFISHES	-	-	-	-	48,700	2,382
SABLEFISH	-	-	-	-	147,500	22,179
TUNA, ALBACORE	61,500	$12,182	-	-	-	-
TOTAL	61,500	12,182	102,600	11,000	12,284,500	2,321,857

SPECIES	DIP NETS, COMMON		REEF NETS		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	205,600	$48,578	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	13,100	$6,371	-	-
CHUM OR KETA	-	-	9,700	1,946	-	-
RED OR SOCKEYE	-	-	376,600	161,594	-	-
SILVER OR COHO	-	-	37,000	12,477	-	-
SMELT, SURF OR SILVER	4,100	570	-	-	-	-
CLAMS, HARD: 4/						
BUTTER	-	-	-	-	48,900	$14,077
LITTLE NECK	-	-	-	-	30,000	18,000
MANILA	-	-	-	-	100	50
TOTAL	209,700	49,148	436,400	182,388	79,000	32,127

SPECIES	DREDGES - CONTINUED				SHOVELS	
	OYSTER AND BY HAND		SCALLOP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD: 4/						
BUTTER	-	-	-	-	3,900	$1,158
LITTLE NECK	-	-	-	-	126,400	64,382
MANILA	-	-	-	-	106,400	54,052
OYSTERS, MARKET: 5/						
PACIFIC	2,513,100	$932,538	-	-	-	-
WESTERN	56,900	170,802	-	-	-	-
SCALLOPS, SEA 6/	-	-	35,400	$34,580	-	-
TOTAL	2,570,000	1,103,340	35,400	34,580	236,700	119,592

1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

3/ BASED ON AN AVERAGE YIELD OF 21.7 POUNDS PER DOZEN.

4/ BASED ON A YIELD OF 25 PERCENT MEATS.

5/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

6/ THE SCALLOPS WERE CAUGHT OFF ALASKA AND LANDED AS SHUCKED MEATS. BASED ON A YIELD OF 17 PERCENT MEATS.

COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS, 1968

ITEM	HAUL SEINES, COMMON 1/	OTTER TRAWLS		POTS, CRAB
		FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	9	9	140
ON BOATS AND SHORE. . . .	75	-	-	37
TOTAL	75	9	9	177
VESSELS, MOTOR.	-	3	3	54
GROSS TONNAGE	-	110	110	1,421
BOATS:				
MOTOR	19	-	-	20
OTHER	15	-	-	-
GEAR:				
NUMBER.	19	3	3	16,889
LENGTH, YARDS	1,900	-	-	-
YARDS AT MOUTH.	-	60	57	-

ITEM	GILL NETS		LINES	
	ANCHOR, SET OR STAKE 1/	DRIFT	HAND	TROLL
				SALMON
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	31	-	650
ON BOATS AND SHORE. . . .	105	210	2	890
TOTAL	105	241	2	1,540
VESSELS, MOTOR.	-	23	-	414
GROSS TONNAGE	-	233	-	6,060
BOATS:				
MOTOR	85	182	1	740
OTHER	10	16	-	-
GEAR:				
NUMBER.	95	221	2	5,420
SQUARE YARDS.	22,000	459,250	-	-
HOOKS OR BAITS.	-	-	2	22,778

ITEM	LINES - CONTINUED		DIP NETS, COMMON 1/	DREDGES, OYSTER
	TROLL - CONTINUED	LONG OR SET WITH HOOKS		COMMON
	TUNA			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	122	-	-	41
ON BOATS AND SHORE. . . .	3	6	12	6
TOTAL	125	6	12	47
VESSELS, MOTOR.	63	-	-	18
GROSS TONNAGE	1,370	-	-	410
BOATS:				
MOTOR	2	4	4	3
OTHER	-	-	1	-
GEAR:				
NUMBER.	571	15	12	42
YARDS AT MOUTH.	-	-	-	84
HOOKS OR BAITS.	571	1,500	-	-

ITEM	DREDGES, OYSTER-CONTINUED	SHOVELS 1/	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	SUCTION			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	2	-	-	826
ON BOATS AND SHORE. . . .	-	190	130	1,636
TOTAL	2	190	130	2,462
VESSELS, MOTOR.	1	-	-	481
GROSS TONNAGE	24	-	-	7,710
BOATS:				
MOTOR	-	-	-	1,043
OTHER	-	-	-	42
GEAR, NUMBER.	1	190	-	-

1/ FISHED ON INDIAN RESERVATIONS.

NOTE:--THERE WAS NO COMMERCIAL RAZOR CLAM SEASON IN 1968--INDIAN DIGGERS ONLY.

COASTAL DISTRICT OF WASHINGTON - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	104,500	$3,135	-	-	-	-
COD	-	-	2,000	$111	-	-
FLOUNDERS:						
"SOLE"	-	-	80,900	7,169	-	-
OTHER	-	-	400	22	-	-
LINGCOD	-	-	27,500	1,500	9,600	$513
PERCH	400	32	-	-	-	-
ROCKFISHES	-	-	74,100	4,070	9,100	491
SABLEFISH	-	-	-	-	300	20
SMELT, SURF OR SILVER	202,400	19,700	-	-	-	-
STURGEON, COMMON	-	-	200	13	-	-
SHRIMP, OCEAN	-	-	-	-	1,163,900	104,443
TOTAL	307,300	22,867	185,100	12,885	1,182,900	105,467

SPECIES	POTS, CRAB		GILL NETS			
			ANCHOR, SET OR STAKE 1/		DRIFT, SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	285,500	$101,769	558,100	$258,914
CHUM OR KETA	-	-	20,500	3,329	201,700	36,171
RED OR SOCKEYE	-	-	70,500	33,853	-	-
SILVER OR COHO	-	-	285,200	99,304	496,400	197,473
SHAD	-	-	1,900	134	100	5
STEELHEAD TROUT	-	-	120,000	36,000	-	-
STURGEON, COMMON	-	-	-	-	143,400	13,688
CRABS, DUNGENESS 2/	7,224,000	$1,319,330	-	-	-	-
TOTAL	7,224,000	1,319,330	783,600	274,389	1,399,700	506,251

SPECIES	LINES					
	HAND		TROLL			
			SALMON		TUNA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	100	$3	-	-
FLOUNDERS, OTHER	-	-	400	18	-	-
HALIBUT	-	-	15,800	2,178	-	-
LINGCOD	-	-	118,600	6,110	-	-
PERCH	400	$37	-	-	-	-
ROCKFISHES	-	-	172,000	5,271	-	-
SALMON:						
CHINOOK OR KING	-	-	1,349,000	741,852	-	-
CHUM OR KETA	-	-	1,800	443	-	-
PINK	-	-	3,600	737	-	-
RED OR SOCKEYE	-	-	600	208	-	-
SILVER OR COHO	-	-	2,690,900	1,045,501	-	-
TUNA, ALBACORE	-	-	-	-	566,600	$107,492
TOTAL	400	37	4,352,800	1,802,321	566,600	107,492

SPECIES	LINES - CONTINUED		DIP NETS, COMMON	
	LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE
SMELT, SURF OR SILVER	-	-	3,200	$461
STURGEON, COMMON	20,200	$3,373	-	-
TOTAL	20,200	3,373	3,200	461

SPECIES	DREDGES, OYSTER AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD: 3/				
LITTLE NECK	-	-	5,800	$4,261
MANILA	-	-	2,200	1,214
RAZOR 4/	-	-	133,600	84,770
OYSTERS, MARKET, PACIFIC 5/	3,904,900	$1,447,385	-	-
TOTAL	3,904,900	1,447,385	141,600	90,245

1/ FISHED ON INDIAN RESERVATIONS. 2/ CRABS AVERAGED 24.2 POUNDS PER DOZEN. 3/ BASED ON A YIELD OF 25 PERCENT MEATS. 4/ BASED ON A YIELD OF 42 PERCENT EDIBLE MEATS. 5/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF WASHINGTON
OPERATING UNITS, 1968

ITEM	HAUL SEINES, COMMON 1/	POTS, CRAB	GILL NETS		
			ANCHOR, SET OR STAKE 2/	DRIFT	
				SALMON AND SHAD	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	27	-	11	-
ON BOATS AND SHORE. . . .	65	12	65	240	7
TOTAL	65	39	65	251	7
VESSELS, MOTOR.	-	11	-	9	-
GROSS TONNAGE	-	196	-	89	-
BOATS:					
MOTOR	16	6	50	218	7
OTHER	10	-	6	-	-
GEAR:					
NUMBER.	16	2,635	56	227	7
LENGTH, YARDS	1,600	-	-	-	-
SQUARE YARDS.	-	-	20,000	696,500	6,300

ITEM	LINES				DIP NETS, COMMON 3/	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND, ALBACORE	TROLL		LONG OR SET WITH HOOKS		
		SALMON	TUNA			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	51	299	264	-	-	527
ON BOATS AND SHORE. . . .	-	900	21	1	105	1,361
TOTAL	51	1,199	285	1	105	1,888
VESSELS, MOTOR.	10	180	121	-	-	261
GROSS TONNAGE	712	2,548	2,764	-	-	5,100
BOATS:						
MOTOR	5	750	14	1	28	1,050
OTHER	-	-	-	-	4	20
GEAR:						
NUMBER.	51	1,186	1,193	1	105	-
HOOKS OR BAITS.	51	16,268	1,193	100	-	-

1/ MOSTLY BAIT NETS FOR ANCHOVY TUNA BAIT.

2/ OPERATED ON INDIAN RESERVATIONS.

3/ INCLUDES 48 DIP NETS OPERATED BY INDIANS.

COLUMBIA RIVER DISTRICT OF WASHINGTON
CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		POTS, CRAB		GILL NETS	
					ANCHOR, SET OR STAKE 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	237,100	$7,113	-	-	-	-
CARP	1,198,000	5,903	-	-	300	$5
SALMON:						
CHINOOK OR KING	-	-	-	-	544,600	129,786
RED OR SOCKEYE	-	-	-	-	21,600	7,925
SILVER OR COHO	-	-	-	-	36,700	8,956
SHAD	-	-	-	-	2,000	145
STEELHEAD TROUT	-	-	-	-	6,700	1,920
STURGEON, COMMON	-	-	-	-	8,000	1,514
SUCKERS	9,100	45	-	-	-	-
CRABS, DUNGENESS 2/	-	-	1,281,300	$234,085	-	-
TOTAL	1,444,200	13,061	1,281,300	234,085	619,900	150,251

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT				HAND, ALBACORE	
	SALMON AND SHAD		SMELT			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER, OTHER	1,600	$24	-	-	-	-
ROCKFISHES	100	2	-	-	-	-
SALMON:						
CHINOOK OR KING	891,400	307,540	-	-	-	-
CHUM OR KETA	900	110	-	-	-	-
RED OR SOCKEYE	13,500	5,294	-	-	-	-
SILVER OR COHO	201,400	56,683	-	-	-	-
SHAD	41,600	2,825	-	-	-	-
SMELT, EULACHON	-	-	17,200	$2,441	-	-
STEELHEAD TROUT	34,300	9,612	-	-	-	-
STURGEON, COMMON	47,300	7,001	-	-	-	-
TUNA, ALBACORE	-	-	-	-	100,000	$20,060
TOTAL	1,232,100	389,091	17,200	2,441	100,000	20,060

SPECIES	LINES - CONTINUED			
	TROLL			
	SALMON		TUNA	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	200	$29	-	-
LINGCOD	2,500	102	-	-
ROCKFISHES	39,900	795	-	-
SALMON:				
CHINOOK OR KING	311,100	159,084	-	-
SILVER OR COHO	1,135,800	434,173	-	-
STURGEON, COMMON	100	7		
TUNA, ALBACORE	-	-	2,321,500	$465,687
TOTAL	1,489,600	594,190	2,321,500	465,687

SPECIES	LINES - CONTINUED		DIP NETS, COMMON	
	LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING	-	-	84,800	$29,240
RED OR SOCKEYE	-	-	1,500	540
SILVER OR COHO	-	-	11,300	2,708
SMELT, EULACHON	-	-	815,300	96,508
STEELHEAD TROUT	-	-	100	30
STURGEON, COMMON	200	$45	900	199
TOTAL	200	45	913,900	129,225

1/ FISHED BY INDIANS.

2/ CRABS AVERAGED 24 POUNDS PER DOZEN.

PACIFIC COAST FISHERIES

OREGON

CATCH BY DISTRICTS, 1968

SPECIES	COLUMBIA RIVER		COASTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
COD	381,800	$19,851	1,100	$53
FLOUNDERS:				
"SOLE"	7,224,500	517,690	4,782,600	328,166
OTHER	505,600	19,105	41,600	2,078
HAKE	4,100	40	-	-
HALIBUT	45,900	8,688	109,100	19,267
HERRING, SEA	-	-	40,900	10,250
LINGCOD	1,296,600	67,338	328,200	16,290
OCEAN PERCH	1,129,700	58,744	534,200	25,643
PERCH	-	-	600	62
ROCKFISHES	3,767,300	189,161	1,504,500	68,595
SABLEFISH	51,800	2,953	575,500	65,201
SALMON:				
CHINOOK OR KING	2,857,300	998,410	923,400	497,694
CHUM OR KETA	2,200	268	-	-
PINK	500	95	4,200	800
RED OR SOCKEYE	62,000	23,489	-	-
SILVER OR COHO	1,262,400	390,264	4,519,000	1,667,526
TOTAL SALMON	4,184,400	1,412,526	5,446,600	2,166,020
SHAD	267,200	16,084	549,100	76,875
SHARKS, GRAYFISH	36,500	548	-	-
SKATES	53,200	1,345	315,100	7,877
SMELT:				
EULACHON	116,200	17,660	-	-
SURF OR SILVER	-	-	4,000	476
STEELHEAD TROUT	393,600	106,293	-	-
STRIPED BASS	-	-	27,000	4,320
STURGEON, COMMON	149,800	18,751	2,800	112
TUNA, ALBACORE	29,105,900	6,112,249	8,645,900	1,642,715
TOTAL FISH	48,714,100	8,569,026	22,908,800	4,434,000
SHELLFISH, ETC.				
CRABS, DUNGENESS 1/	4,309,300	842,465	7,041,800	1,373,153
CRAWFISH, FRESH-WATER	2,300	1,250	-	-
SHRIMP, OCEAN	2,477,500	227,933	8,369,100	962,443
CLAMS:				
RAZOR 2/	-	-	38,800	27,000
MIXED 3/	-	-	5,900	4,500
TOTAL CLAMS	-	-	44,700	31,500
OCTOPUS	-	-	1,200	123
OYSTERS, MARKET: 4/				
PACIFIC	-	-	627,400	245,418
WESTERN	-	-	1,300	4,293
TOTAL OYSTERS	-	-	628,700	249,711
TOTAL SHELLFISH, ETC.	6,789,100	1,071,648	16,085,500	2,616,930
GRAND TOTAL	55,503,200	9,640,674	38,994,300	7,050,930

1/ BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.

2/ BASED ON A YIELD OF 42 PERCENT MEATS.

3/ PRINCIPALLY EASTERN SOFT CLAMS. BASED ON A YIELD OF 21 PERCENT MEATS.

4/ BASED ON A YIELD OF 12 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

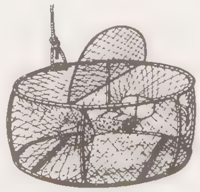
ALBACORE TUNA

COLUMBIA RIVER DISTRICT OF OREGON - OPERATING UNITS, 1968

ITEM	OTTER TRAWLS		POTS		GILL NETS		
					ANCHOR, SET OR STAKE 1/	DRIFT	
	FISH	SHRIMP	CRAB	CRAWFISH		SALMON AND SHAD	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	100	19	88	-	-	2	-
ON BOATS AND SHORE. . . .	-	-	24	6	103	595	30
TOTAL	100	19	112	6	103	597	30
VESSELS, MOTOR.	26	5	38	-	-	2	-
GROSS TONNAGE	1,648	315	622	-	-	24	-
BOATS:							
MOTOR	-	-	12	4	80	542	30
OTHER	-	-	-	-	10	-	-
GEAR:							
NUMBER.	26	5	9,115	180	90	544	30
SQUARE YARDS.	-	-	-	-	34,000	1,660,000	27,000
YARDS AT MOUTH.	580	95	-	-	-	-	-

ITEM	LINES				DIP NETS, COMMON 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND, ALBACORE	TROLL		LONG OR SET WITH HOOKS		
		SALMON	TUNA			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	333	293	1,250	11	-	1,817
ON BOATS AND SHORE. . . .	-	156	20	-	10	896
TOTAL	333	449	1,270	11	10	2,713
VESSELS, MOTOR.	58	158	504	3	-	665
GROSS TONNAGE	4,525	2,711	14,112	96	-	21,136
BOATS:						
MOTOR	35	130	13	-	-	808
OTHER	-	-	-	-	-	10
GEAR:						
NUMBER.	322	1,354	4,819	84	10	-
HOOKS OR BAITS.	322	6,183	4,819	6,900	-	-

1/ FISHED ON INDIAN RESERVATIONS.



DUNGENESS CRAB POT

COLUMBIA RIVER DISTRICT OF OREGON - CATCH BY GEAR, 1968

SPECIES	OTTER TRAWLS				POTS	
	FISH		SHRIMP		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	375,000	$19,498	6,800	$353	-	-
FLOUNDERS:						
"SOLE".	6,956,300	496,054	268,200	21,636	-	-
OTHER	316,400	15,228	17,400	870	-	-
HAKE.	4,100	40	-	-	-	-
LINGCOD	1,251,300	65,007	33,700	1,753	-	-
OCEAN PERCH	1,123,400	58,415	6,300	329	-	-
ROCKFISHES.	3,700,300	185,751	60,700	3,156	-	-
SABLEFISH	44,400	2,422	7,400	531	-	-
SHARKS, GRAYFISH.	36,500	548	-	-	-	-
SKATES.	53,200	1,345	-	-	-	-
STURGEON, COMMON.	28,100	1,300	-	-	-	-
CRABS, DUNGENESS.	-	-	-	-	4,309,300	$842,465
SHRIMP, OCEAN	-	-	2,477,500	227,933	-	-
TOTAL	13,889,000	845,608	2,878,000	256,561	4,309,300	842,465

SPECIES	POTS - CONTINUED		GILL NETS			
	CRAWFISH		ANCHOR, SET OR STAKE 1/		DRIFT	
					SALMON AND SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER, OTHER	-	-	-	-	171,800	$3,007
SALMON:						
CHINOOK OR KING	-	-	217,300	$52,146	2,418,700	836,857
CHUM OR KETA.	-	-	-	-	2,200	268
RED OR SOCKEYE.	-	-	2,800	1,003	59,200	22,486
SILVER OR COHO.	-	-	12,800	3,072	710,500	188,277
SHAD.	-	-	9,400	614	257,800	15,470
STEELHEAD TROUT	-	-	87,000	23,485	306,100	82,640
STURGEON, COMMON.	-	-	3,200	479	118,500	16,972
CRAWFISH, FRESH-WATER . . .	2,300	$1,250	-	-	-	-
TOTAL	2,300	1,250	332,500	80,799	4,044,800	1,165,977

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED		HAND, ALBACORE		TROLL	
	SMELT				SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	-	-	300	$53
LINGCOD	-	-	-	-	11,600	578
ROCKFISHES.	-	-	-	-	6,300	254
SALMON:						
CHINOOK OR KING	-	-	-	-	219,100	108,651
PINK.	-	-	-	-	500	95
SILVER OR COHO.	-	-	-	-	539,100	198,915
SMELT, EULACHON	116,200	$17,660	-	-	-	-
STEELHEAD TROUT	-	-	-	-	300	113
TUNA, ALBACORE.	-	-	10,720,300	$2,251,266	-	-
TOTAL	116,200	17,660	10,720,300	2,251,266	777,200	308,659

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	TROLL - CONTINUED		LONG OR SET WITH HOOKS			
	ALBACORE					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	45,600	$8,635	-	-
SALMON, CHINOOK OR KING . .	-	-	-	-	2,200	$756
STEELHEAD TROUT	-	-	-	-	200	55
TUNA, ALBACORE.	18,385,600	$3,860,983	-	-	-	-
TOTAL	18,385,600	3,860,983	45,600	8,635	2,400	811

1/ FISHED BY INDIANS.

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: COD, "SOLE", HAKE, HALIBUT, LINGCOD, OCEAN PERCH, ROCKFISHES, SABLEFISH, SHARKS, SKATES, TUNA, CRAB, SHRIMP, THE OTTER TRAWL CATCH OF FLOUNDERS AND STURGEON, AND MOST OF THE TROLL CATCH OF SALMON.

COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS, CRAB	GILL NETS, SHAD		LINES
		FISH	SHRIMP		ANCHOR, SET OR STAKE	DRIFT, SHAD	HAND, ALBACORE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	90	116	199	-	-	31
ON BOATS AND SHORE	6	-	-	55	22	40	-
TOTAL	6	90	116	254	22	40	31
VESSELS, MOTOR	-	27	36	83	-	-	6
GROSS TONNAGE	-	953	1,292	1,806	-	-	513
BOATS:							
MOTOR	2	-	-	37	20	38	4
OTHER	1	-	-	-	-	-	-
GEAR:							
NUMBER	2	27	36	20,665	89	38	31
SQUARE YARDS	-	-	-	-	22,250	76,000	-
YARDS AT MOUTH	-	621	684	-	-	-	-
HOOKS OR BAITS	-	-	-	-	-	-	31

ITEM	LINES - CONTINUED			DREDGES, OYSTER, COMMON	SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL		LONG OR SET WITH HOOKS				
	SALMON	TUNA					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	1,208	1,215	24	7	-	-	1,914
ON BOATS AND SHORE	1,040	64	-	-	250	28	1,365
TOTAL	2,248	1,279	24	[illegible]	250	28	3,279
VESSELS, MOTOR	626	524	7	3	-	-	865
GROSS TONNAGE	10,911	11,159	173	43	-	-	17,688
BOATS:							
MOTOR	945	46	-	-	-	4	1,016
OTHER	-	-	-	-	-	4	5
GEAR:							
NUMBER	6,912	5,058	137	[illegible]	250	-	-
YARDS AT MOUTH	-	-	-	12	-	-	-
HOOKS OR BAITS	29,848	5,058	12,960	-	-	-	-

RAZOR CLAM

COASTAL DISTRICT OF OREGON - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	1,100	$53	-	-
FLOUNDERS:						
"SOLE"	-	-	4,627,100	320,613	154,200	$7,410
OTHER	-	-	40,300	2,013	1,200	60
HERRING, SEA	40,900	$10,250	-	-	-	-
LINGCOD	-	-	227,100	10,445	17,900	821
OCEAN PERCH	-	-	521,200	25,019	13,000	624
PERCH	600	62	-	-	-	-
ROCKFISHES	-	-	941,600	43,141	383,400	18,020
SABLEFISH	-	-	58,000	4,007	6,500	450
SKATES	-	-	315,100	7,877	-	-
SMELT, SURF OR SILVER	4,000	476	-	-	-	-
STURGEON, COMMON	-	-	2,800	112	-	-
SHRIMP, OCEAN	-	-	-	-	8,369,100	962,443
OCTOPUS	-	-	1,200	123	-	-
TOTAL	45,500	10,788	6,735,500	413,403	8,945,300	989,828

SPECIES	POTS, CRAB		GILL NETS, SHAD			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHAD	-	-	100,000	$14,000	449,100	$62,875
STRIPED BASS	-	-	12,000	1,920	15,000	2,400
CRABS, DUNGENESS	7,041,800	$1,373,153	-	-	-	-
TOTAL	7,041,800	1,373,153	112,000	15,920	464,100	65,275

SPECIES	LINES					
	HAND, ALBACORE		TROLL			
			SALMON		ALBACORE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
"SOLE"	-	-	700	$75	-	-
OTHER	-	-	100	5	-	-
HALIBUT	-	-	54,300	8,887	-	-
LINGCOD	-	-	80,200	4,812	-	-
ROCKFISHES	-	-	153,800	6,151	-	-
SALMON:						
CHINOOK OR KING	-	-	923,400	497,694	-	-
PINK	-	-	4,200	800	-	-
SILVER OR COHO	-	-	4,519,000	1,667,526	-	-
TUNA, ALBACORE	500,000	$95,000	-	-	8,145,900	$1,547,715
TOTAL	500,000	95,000	5,735,700	2,185,950	8,145,900	1,547,715

SPECIES	LINES - CONTINUED		DREDGES, OYSTER AND BY HAND		SHOVELS	
	LONG OR SET WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	600	$68	-	-	-	-
HALIBUT	54,800	10,380	-	-	-	-
LINGCOD	3,000	212	-	-	-	-
ROCKFISHES	25,700	1,283	-	-	-	-
SABLEFISH	511,000	60,744	-	-	-	-
CLAMS:						
RAZOR	-	-	-	-	38,800	$27,000
MIXED	-	-	-	-	5,900	4,500
OYSTERS, MARKET:						
PACIFIC	-	-	627,400	$245,418	-	-
WESTERN	-	-	1,300	4,293	-	-
TOTAL	595,100	72,687	628,700	249,711	44,700	31,500

PACIFIC COAST FISHERIES

CALIFORNIA

CATCH BY DISTRICTS, 1968

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	51,500	$2,573	8,501,800	$83,818
BONITO	-	-	800	57	9,700	637
CABEZONE	100	$4	900	19	12,700	511
CARP	-	-	297,800	25,102	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	10,400	520	3,000	150	-	-
CALIFORNIA HALIBUT	200	40	191,000	45,192	79,300	20,029
SAND DABS	275,400	24,011	265,900	22,133	172,600	12,546
"SOLE":						
DOVER	8,191,500	557,315	255,700	15,020	56,600	3,278
ENGLISH	3,358,800	298,040	1,697,300	141,607	439,800	36,504
PETRALE	1,975,800	253,622	490,300	68,665	248,400	36,558
REX	1,519,900	129,492	205,000	17,551	124,300	9,248
SAND	2,800	307	179,200	21,375	22,100	2,649
UNCLASSIFIED	600	50	6,500	462	11,900	1,186
OTHER	530,100	26,788	248,700	16,725	59,800	4,763
HAKE	-	-	500	10	5,500	152
HALIBUT	100	33	-	-	-	-
HARDHEAD	-	-	243,600	23,369	-	-
HERRING, SEA	-	-	53,300	10,800	304,600	28,777
JACK MACKEREL	200	12	-	-	960,600	40,711
KING CROAKER	-	-	15,600	1,712	195,200	12,887
LINGCOD	782,900	62,516	188,300	14,858	71,300	8,194
PERCH	61,300	10,836	22,500	6,142	13,700	2,291
POMPANO	-	-	-	-	71,700	18,220
ROCKFISHES	2,904,100	161,007	584,100	51,832	2,394,700	162,221
SABLEFISH	1,750,700	150,381	137,300	5,528	1,330,000	73,260
SALMON:						
CHINOOK OR KING	2,226,600	1,322,157	1,726,700	1,120,628	548,700	367,250
SILVER OR COHO	1,837,700	865,557	472,100	249,915	23,900	12,691
TOTAL SALMON	4,064,300	2,187,714	2,198,800	1,370,543	572,600	379,941
SARDINE, PACIFIC	-	-	-	-	1,300	317
SEA BASS:						
BLACK	-	-	-	-	100	23
WHITE	-	-	400	115	15,000	4,491
SHARKS, UNCLASSIFIED	1,700	105	59,700	2,568	60,600	2,250
SKATES	51,700	469	62,700	785	68,700	1,139
SMELT	177,300	11,507	82,400	8,855	49,300	5,118
TUNA, ALBACORE	3,441,100	645,445	963,300	180,600	1,421,300	266,528
TURBOT	1,900	162	50,300	2,476	100	4
WHITEBAIT	232,200	19,692	5,900	926	-	-
UNCLASSIFIED:						
FOR FOOD	100	9	1,900	86	900	57
BAIT AND ANIMAL FOOD	1,911,500	38,231	-	-	-	-
TOTAL FISH	31,246,700	4,578,308	8,564,200	2,057,836	17,276,200	1,218,308
SHELLFISH, ETC.						
CRABS:						
DUNGENESS	15,176,700	3,250,980	836,700	283,157	1,000	401
ROCK	-	-	-	-	200	9
TOTAL CRABS	15,176,700	3,250,980	836,700	283,157	1,200	410
SHRIMP, OCEAN	2,084,000	229,222	201,300	23,490	7,200	6,515
ABALONE 1/	-	-	2,900	4,184	-	-
OCTOPUS	2,500	91	14,600	614	400	49
OYSTERS, MARKET:						
EASTERN 2/	-	-	16,200	47,928	-	-
PACIFIC 3/	365,200	84,904	139,700	32,467	-	-
TOTAL OYSTERS	365,200	84,904	155,900	80,395	-	-
SQUID	-	-	200	9	14,578,100	398,550
MOLLUSKS, UNCLASSIFIED 4/	300	259	100	1,702	-	-
TOTAL SHELLFISH, ETC.	17,628,700	3,565,456	1,211,700	393,551	14,586,900	405,524
WHALE PRODUCTS						
MEAL	-	-	2,190,000	131,242	-	-
MEAT	-	-	1,862,700	149,014	-	-
OIL:						
SPERM	-	-	965,000	45,687	-	-
WHALE	-	-	1,429,000	70,174	-	-
TOTAL WHALE PRODUCTS	-	-	6,446,700	396,117	-	-
GRAND TOTAL	48,875,400	8,143,764	16,222,600	2,847,504	31,863,100	1,623,832

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CALIFORNIA - CATCH BY DISTRICTS, 1968 - Continued

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	4,007,900	$30,494	18,514,900	$167,591	-	-
BARRACUDA	9,400	1,858	97,100	23,013	34,000	$6,049
BONITO	254,800	10,015	14,609,900	606,880	46,700	1,989
CABEZONE	6,300	209	-	-	100	9
FLOUNDERS:						
CALIFORNIA HALIBUT	231,700	68,973	130,700	38,903	38,800	12,685
SAND DABS	500	41	100	28	100	20
"SOLE":						
DOVER	31,700	1,901	-	-	-	-
ENGLISH	315,300	24,656	200	24	-	-
PETRALE	231,900	30,169	200	25	-	-
REX	81,400	6,659	-	-	-	-
SAND	7,300	879	-	-	-	-
UNCLASSIFIED	7,900	858	700	91	2,000	518
OTHER	17,500	1,381	100	12	-	-
FLYING FISH	-	-	73,100	10,492	500	121
GROUPERS	-	-	207,600	47,812	23,300	5,583
HAKE	500	9	-	-	-	-
HALFMOON	-	-	19,400	4,481	30,200	6,053
JACK MACKEREL	4,251,000	159,414	50,455,700	1,922,327	100	8
KING CROAKER	15,500	395	706,600	42,772	8,400	867
LINGCOD	50,500	4,776	600	105	400	37
MACKEREL, PACIFIC	-	-	3,128,400	167,271	5,000	486
OPALEYE	-	-	10,800	2,103	400	61
PERCH	19,000	4,627	41,300	9,000	10,200	1,949
POMPANO	2,200	431	195,500	32,109	-	-
ROCKFISHES	2,618,000	155,315	656,600	95,794	286,900	41,462
SABLEFISH	900	57	600	49	-	-
SALMON:						
CHINOOK OR KING	111,300	73,266	100	19	-	-
SILVER OR COHO	4,800	2,573	-	-	-	-
TOTAL SALMON	116,100	75,839	100	19	-	-
SARDINE, PACIFIC	20,000	3,996	100,800	10,529	2,000	451
SCULPIN	200	37	7,700	2,737	117,300	31,836
SEA BASS:						
BLACK	1,000	163	136,600	24,821	20,700	3,713
WHITE	43,700	16,667	703,400	205,352	99,400	32,617
SHARKS, UNCLASSIFIED	161,100	16,499	86,100	11,113	130,700	17,127
SHEEPSHEAD	900	59	4,900	443	6,900	731
SKATES	3,100	232	100	7	-	-
SMELT	-	-	133,500	5,881	600	65
SWORDFISH	37,600	24,743	116,900	79,223	44,900	29,963
TUNA:						
ALBACORE	2,131,400	399,641	5,703,800	1,212,505	1,416,300	284,341
BLUEFIN	-	-	10,051,000	1,528,647	2,885,300	427,186
SKIPJACK	400	47	45,176,200	5,912,085	14,058,000	1,858,288
YELLOWFIN	-	-	112,154,600	17,449,599	40,981,500	6,380,436
TOTAL TUNA	2,131,800	399,688	173,085,600	26,102,836	59,341,100	8,950,251
TURBOT	17,200	1,041	-	-	-	-
WAHOO	-	-	6,200	1,426	100	18
WHITEFISH	100	6	700	58	1,800	148
YELLOWTAIL	-	-	132,800	15,090	30,400	3,000
UNCLASSIFIED:						
FOR FOOD	100	4	137,900	4,173	100	24
BAIT AND ANIMAL FOOD	678,100	13,562	-	-	-	-
TOTAL FISH	15,372,200	1,055,653	263,503,400	29,634,590	60,283,100	9,147,841
SHELLFISH, ETC.						
CRABS:						
DUNGENESS	2,000	838	-	-	-	-
ROCK	109,200	7,008	234,600	29,777	7,000	429
TOTAL CRABS	111,200	7,846	234,600	29,777	7,000	429
LOBSTER, SPINY	112,300	96,125	108,800	104,435	91,400	92,605
SHRIMP, OCEAN	400	341	-	-	-	-
ABALONE 1/	431,000	572,314	312,700	372,314	148,400	174,763
OCTOPUS	-	-	200	49	-	-
OYSTERS, MARKET, PACIFIC 3/	140,700	32,720	-	-	-	-
SQUID	2,660,400	37,318	7,693,500	117,389	500	15
TOTAL SHELLFISH, ETC.	3,456,000	746,664	8,349,800	623,964	247,300	267,812
GRAND TOTAL	18,828,200	1,802,317	271,853,200	30,258,554	60,530,400	9,415,653

1/ BASED ON A YIELD OF 20 PERCENT MEATS. 2/ BASED ON A YIELD OF 14 PERCENT MEATS. 3/ BASED ON A YIELD OF 12 PERCENT MEATS. 4/ BASED ON A YIELD OF 24 PERCENT MEATS.

CALIFORNIA - CATCH BY WATERS, 1968

SPECIES	OFF UNITED STATES		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	31,076,100	$284,476	-	-
BARRACUDA	114,500	25,200	26,000	$5,720
BONITO	14,903,300	618,806	18,600	772
CABEZONE	20,100	752	-	-
CARP	297,800	25,102	-	-
FLOUNDERS:				
ARROWTOOTH HALIBUT	13,400	670	-	-
CALIFORNIA HALIBUT	659,400	182,420	12,300	3,402
SAND DABS	714,600	58,779	-	-
"SOLE":				
DOVER	8,535,500	577,514	-	-
ENGLISH	5,811,400	500,831	-	-
PETRALE	2,946,600	389,039	-	-
REX	1,930,600	162,950	-	-
SAND	211,400	25,210	-	-
UNCLASSIFIED	29,500	3,154	100	11
OTHER	856,200	49,669	-	-
FLYING FISH	73,200	10,555	400	58
GROUPERS	-	-	230,900	53,395
HAKE	6,500	171	-	-
HALFMOON	49,500	10,513	100	21
HALIBUT	100	33	-	-
HARDHEAD	243,600	23,369	-	-
HERRING, SEA	357,900	39,577	-	-
JACK MACKEREL	55,650,000	2,121,800	17,600	672
KING CROAKER	941,300	58,633	-	-
LINGCOD	1,094,000	90,486	-	-
MACKEREL, PACIFIC	3,115,800	166,815	17,600	942
OPALEYE	11,200	2,164	-	-
PERCH	166,400	34,513	1,600	332
POMPANO	269,400	50,760	-	-
ROCKFISHES	9,313,800	658,411	130,600	9,220
SABLEFISH	3,219,500	229,275	-	-
SALMON:				
CHINOOK OR KING	4,613,400	2,883,320	-	-
SILVER OR COHO	2,338,500	1,130,736	-	-
SARDINE, PACIFIC	124,100	15,293	-	-
SCULPIN	89,600	24,770	35,600	9,840
SEA BASS:				
BLACK	14,900	2,701	143,500	26,019
WHITE	210,100	63,177	651,800	196,065
SHARKS, UNCLASSIFIED	476,000	47,289	23,900	2,373
SHEEPSHEAD	11,500	1,117	1,200	116
SKATES	186,300	2,632	-	-
SMELT, SURF OR SILVER	443,100	31,426	-	-
SWORDFISH	169,100	113,580	30,300	20,349
TUNA:				
ALBACORE	14,397,000	2,854,244	680,200	134,816
BLUEFIN	3,738,400	564,872	9,197,900	1,390,961
SKIPJACK	410,700	53,843	58,823,900	7,716,577
YELLOWFIN	98,500	15,327	153,037,600	23,814,708
TURBOT	69,500	3,683	-	-
WAHOO	-	-	6,300	1,444
WHITEBAIT	238,100	20,618	-	-
WHITEFISH	2,100	171	500	41
YELLOWTAIL	22,500	2,493	140,700	15,597
UNCLASSIFIED:				
FOR FOOD	141,000	4,353	-	-
BAIT AND ANIMAL FOOD	2,589,600	51,793	-	-
CRABS:				
DUNGENESS	16,016,400	3,535,376	-	-
ROCK	351,000	37,223	-	-
LOBSTER, SPINY	312,500	293,165	-	-
SHRIMP, OCEAN	2,292,900	259,568	-	-
ABALONE	895,000	1,123,575	-	-
OCTOPUS	17,700	803	-	-
OYSTERS, MARKET:				
EASTERN	16,200	47,928	-	-
PACIFIC	645,600	150,091	-	-
SQUID	24,932,700	553,281	-	-
MOLLUSKS, UNCLASSIFIED	400	1,961	-	-
WHALE PRODUCTS:				
MEAL	2,190,000	131,242	-	-
MEAT	1,862,700	149,014	-	-
OIL:				
SPERM	965,000	45,687	-	-
WHALE	1,429,000	70,174	-	-
TOTAL	224,943,700	20,688,173	223,229,200	33,403,451

NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS	
		FISH	SHRIMP	CRABS, DUNGENESS	OCTOPUS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	139	76	705	-
ON BOATS AND SHORE, REGULAR.	6	-	-	190	2
TOTAL	6	139	76	895	2
VESSELS, MOTOR.	-	46	25	244	-
GROSS TONNAGE	-	2,052	893	4,865	-
BOATS, MOTOR.	3	-	-	95	2
GEAR:					
NUMBER.	3	46	25	30,904	50
LENGTH, YARDS	1,200	-	-	-	-
YARDS AT MOUTH.	-	1,242	375	-	-

ITEM	LINES					
	HAND		TROLL			LONG OR SET WITH HOOKS
	ROCKFISH	OTHER	SALMON	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	3	-	2,097	1,705	9	18
ON BOATS AND SHORE, REGULAR.	-	4	1,420	108	-	10
TOTAL	3	4	3,517	1,813	9	28
VESSELS, MOTOR.	1	-	729	582	3	6
GROSS TONNAGE	19	-	15,527	13,537	72	138
BOATS, MOTOR.	-	2	710	54	-	5
GEAR:						
NUMBER.	3	4	8,634	5,724	27	110
HOOKS OR BAITS.	6	8	34,536	5,724	27	11,000

ITEM	DREDGES, OYSTER		TONGS, OYSTER	SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	COMMON	SUCTION				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	2,739
ON BOATS AND SHORE, REGULAR.	4	3	22	2	14	1,540
TOTAL	4	3	22	2	14	4,279
VESSELS, MOTOR	-	-	-	-	-	950
GROSS TONNAGE	-	-	-	-	-	21,964
BOATS, MOTOR.	2	1	11	1	7	770
GEAR:						
NUMBER.	2	1	22	2	-	-
YARDS AT MOUTH.	2	-	-	-	-	-

NORTHERN DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
ARROWTOOTH HALIBUT. . . .	-	-	10,400	$520	-	-
CALIFORNIA HALIBUT. . . .	-	-	200	40	-	-
SAND DABS	-	-	275,400	24,011	-	-
"SOLE":						
DOVER	-	-	8,181,400	556,623	-	-
ENGLISH	-	-	3,358,300	297,995	-	-
PETRALE	-	-	1,973,200	253,284	-	-
REX	-	-	1,519,600	129,465	-	-
SAND.	-	-	2,800	307	-	-
UNCLASSIFIED.	-	-	200	16	-	-
OTHER	-	-	530,100	26,788	-	-
LINGCOD	-	-	694,100	55,312	-	-
JACK MACKEREL	-	-	200	12	-	-
PERCH	57,900	$10,422	3,400	414	-	-
ROCKFISHES.	-	-	2,809,300	155,073	-	-
SABLEFISH	-	-	964,900	79,659	-	-
SALMON:						
CHINOOK OR KING	-	-	1,300	624	-	-
SILVER OR COHO.	-	-	1,300	494	-	-
SHARKS, UNCLASSIFIED. . . .	-	-	1,700	105	-	-
SKATES.	-	-	42,600	366	-	-
SMELT	177,300	11,507	-	-	-	-
TURBOT.	-	-	1,900	162	-	-
WHITEBAIT	232,200	19,692	-	-	-	-
UNCLASSIFIED, BAIT AND ANIMAL FOOD	-	-	1,911,500	38,231	-	-
CRABS, DUNGENESS.	-	-	20,900	3,762	15,155,800	$3,247,218
SHRIMP, OCEAN	-	-	2,084,000	229,222	-	-
OCTOPUS	-	-	-	-	2,500	91
TOTAL.	467,400	41,621	24,388,700	1,852,485	15,158,300	3,247,309

SPECIES	LINES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE
CABEZONE.	100	$4	-	-
FLOUNDERS, "SOLE":				
DOVER	10,100	692	-	-
ENGLISH	500	45	-	-
PETRALE	2,600	338	-	-
REX	300	27	-	-
UNCLASSIFIED.	400	34	-	-
HALIBUT	100	33	-	-
LINGCOD	88,800	7,204	-	-
ROCKFISHES.	94,800	5,934	-	-
SABLEFISH	785,800	70,722	-	-
SALMON:				
CHINOOK OR KING	2,225,300	1,321,533	-	-
SILVER OR COHO.	1,836,400	865,063	-	-
SKATES.	9,100	103	-	-
TUNA, ALBACORE.	3,441,100	645,445	-	-
UNCLASSIFIED, FOR FOOD. . .	100	9	-	-
OYSTERS, PACIFIC.	-	-	332,400	$77,281
TOTAL	8,495,500	2,917,186	332,400	77,281

SPECIES	TONGS AND BY HAND		SHOVELS, CLAM	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD	32,800	$7,623	-	-
MOLLUSKS, UNCLASSIFIED. . .	-	-	300	$259
TOTAL	32,800	7,623	300	259

SAN FRANCISCO DISTRICT OF CALIFORNIA
OPERATING UNITS, 1968

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS	
		ANCHOVY	OTHER	FISH	SHRIMP	DUNGENESS	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	3	-	42	15	288	-
ON BOATS AND SHORE, REGULAR.	6	-	9	6	-	90	8
TOTAL	6	3	9	48	15	378	8
VESSELS, MOTOR.	-	1	-	14	5	100	-
GROSS TONNAGE	-	13	-	490	117	1,653	-
BOATS, MOTOR.	2	-	3	3	-	45	8
GEAR:							
NUMBER.	2	1	3	17	5	12,972	520
LENGTH, YARDS	800	425	900	-	-	-	-
YARDS AT MOUTH.	-	-	-	459	75	-	-

ITEM	POTS AND TRAPS - CONTINUED	GILL NETS, DRIFT		TRAMMEL NETS	LINES		
					HAND		TROLL
	OCTOPUS	SEA BASS	OTHER		ROCKFISH	OTHER	SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	-	3	6	3	-	1,074
ON BOATS AND SHORE, REGULAR.	2	2	6	-	18	6	598
TOTAL	2	2	9	6	21	6	1,672
VESSELS, MOTOR.	-	-	1	2	1	-	383
GROSS TONNAGE	-	-	13	22	12	-	6,967
BOATS, MOTOR.	1	1	2	-	9	3	299
GEAR:							
NUMBER.	35	1	3	2	21	6	4,092
SQUARE YARDS.	-	3,400	9,700	10,200	-	-	-
HOOKS OR BAITS.	-	-	-	-	42	12	16,368

ITEM	LINES - CONTINUED		HARPOONS, WHALE	DREDGES, OYSTER, COMMON	TONGS, OYSTER	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL - CONTINUED	LONG OR SET WITH HOOKS					
	ALBACORE						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	726	12	14	-	-	-	1,374
ON BOATS AND SHORE, REGULAR.	28	12	-	4	12	4	686
TOTAL	754	24	14	4	12	4	2,060
VESSELS, MOTOR.	253	4	3	-	-	-	484
GROSS TONNAGE	5,050	83	579	-	-	-	9,952
BOATS, MOTOR.	14	6	-	2	6	2	348
GEAR:							
NUMBER.	2,403	100	3	2	12	2	-
HOOKS OR BAITS.	2,403	10,000	-	2	-	-	-

SAN FRANCISCO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	51,500	$2,573	-	-
BONITO	-	-	800	57	-	-
CARP	208,800	$17,537	-	-	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	3,000	$150
CALIFORNIA HALIBUT	-	-	-	-	112,400	26,545
SAND DABS	-	-	-	-	265,900	22,133
"SOLE":						
DOVER	-	-	-	-	255,300	14,995
ENGLISH	-	-	-	-	1,697,300	141,607
PETRALE	-	-	-	-	490,300	68,655
REX	-	-	-	-	205,000	17,551
SAND	-	-	-	-	179,200	21,375
UNCLASSIFIED	-	-	-	-	3,000	213
OTHER	-	-	-	-	242,900	16,335
HAKE	-	-	-	-	500	10
HARDHEAD	173,000	16,591	-	-	-	-
HERRING, SEA	21,400	4,337	31,900	6,463	-	-
KING CROAKER	4,200	461	-	-	9,000	987
LINGCOD	-	-	-	-	173,700	13,705
PERCH	21,500	5,870	-	-	1,000	272
ROCKFISHES	-	-	-	-	455,300	40,382
SABLEFISH	-	-	-	-	129,700	5,222
SALMON, CHINOOK OR KING	-	-	-	-	100	53
SHARKS, UNCLASSIFIED	-	-	-	-	38,900	1,673
SKATES	-	-	-	-	62,700	785
SMELT	33,000	3,530	49,400	5,325	-	-
TUNA:						
ALBACORE	-	-	77,900	14,598	-	-
TURBOT	-	-	-	-	50,300	2,476
WHITEBAIT	2,700	424	3,200	502	-	-
UNCLASSIFIED, FOR FOOD	200	16	-	-	200	16
CRABS, DUNGENESS	-	-	-	-	25,600	6,400
SHRIMP, OCEAN	-	-	-	-	201,300	23,490
OCTOPUS	-	-	-	-	3,700	123
SQUID	-	-	-	-	200	9
TOTAL	464,800	48,766	214,700	29,518	4,606,500	425,172

SPECIES	POTS AND TRAPS		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABEZONE	-	-	-	-	900	$19
CARP	89,000	$7,565	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	42,100	$9,978	36,500	8,669
"SOLE":						
DOVER	-	-	-	-	400	25
UNCLASSIFIED	-	-	2,000	142	1,500	107
OTHER	-	-	4,400	296	1,400	94
HARDHEAD	70,600	6,778	-	-	-	-
KING CROAKER	-	-	2,400	264	-	-
LINGCOD	-	-	-	-	14,600	1,153
ROCKFISHES	-	-	-	-	128,800	11,450
SABLEFISH	-	-	-	-	7,600	306
SALMON:						
CHINOOK OR KING	-	-	-	-	1,726,600	1,120,575
SILVER OR COHO	-	-	-	-	472,100	249,915
SEA BASS, WHITE	-	-	400	115	-	-
SHARKS, UNCLASSIFIED	-	-	19,600	843	1,200	52
TUNA, ALBACORE	-	-	-	-	885,400	166,002
UNCLASSIFIED, FOR FOOD	1,500	54	-	-	-	-
CRABS, DUNGENESS	811,100	276,757	-	-	-	-
OCTOPUS	10,900	491	-	-	-	-
TOTAL	983,100	291,645	70,900	11,638	3,277,000	1,558,367

SPECIES	HARPOONS, WHALE		DREDGES, OYSTER, COMMON		TONGS, OYSTER		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	-	-	-	-	2,900	$4,1[illegible]4
OYSTERS:								
EASTERN	-	-	-	-	16,200	$4[illegible]		-
PACIFIC	-	-	27,[illegible]	$[illegible],461	111,900	[illegible]	-	-
MOLLUSKS, UNCLASSIFIED		-		-	-	-	100	1,7[illegible]
WHALE PRODUCTS:								
MEAL	2,190,000	$131,242	-	-	-	-	-	-
MEAT	1,862,700	149,014	-	-	-	-	-	-
OIL:								
SPERM	965,000	45,687	-	-		-	-	-
WHALE	1,429,000	70,174		-	-	-	-	-
TOTAL	[illegible]	[illegible]	[illegible],500	[illegible]	128,100	73,934	[illegible]	[illegible]

MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS, 1968

ITEM	PURSE SEINES			LAMPARA NETS		OTTER TRAWLS	
	ANCHOVY	MACKEREL	OTHER	SQUID	OTHER	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	12	10	-	23	18	27	-
ON BOATS AND SHORE, REGULAR	12	-	6	-	6	-	6
TOTAL	24	10	6	23	24	27	6
VESSELS, MOTOR	3	2	-	6	4	9	-
GROSS TONNAGE	89	113	-	125	159	345	-
BOATS, MOTOR	5	1	2	1	4	-	2
GEAR:							
NUMBER	7	2	2	6	6	9	2
LENGTH, YARDS	3,050	1,000	785	2,550	2,625	-	-
YARDS AT MOUTH	-	-	-	-	-	243	30

ITEM	POTS AND TRAPS		GILL NETS, DRIFT		TRAMMEL NETS	LINES	
						HAND	
	CRABS, DUNGENESS	OCTOPUS	SEA BASS	OTHER		ALBACORE	ROCKFISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	3	-	-	6	3	-	6
ON BOATS AND SHORE, REGULAR	-	2	15	6	4	32	86
TOTAL	3	2	15	12	7	32	92
VESSELS, MOTOR	1	-	-	2	1	-	2
GROSS TONNAGE	9	-	-	41	16	-	24
BOATS, MOTOR	-	1	5	2	2	16	43
GEAR:							
NUMBER	96	25	5	4	3	32	92
SQUARE YARDS	-	-	17,000	14,200	15,200	-	-
YARDS AT MOUTH	-			-	-	32	184

ITEM	LINES - CONTINUED					DIP, BRAIL OR SCOOP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND - CONTINUED	TROLL			LONG OR SET WITH HOOKS		
	OTHER	SALMON	ALBACORE	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	282	366	3	21	26	556
ON BOATS AND SHORE, REGULAR	4	246	74	9	32	-	376
TOTAL	4	528	440	12	53	26	932
VESSELS, MOTOR	-	97	124	1	8	8	187
GROSS TONNAGE	-	1,734	2,613	9	97	147	3,898
BOATS, MOTOR	2	123	37	3	16	-	182
GEAR:							
NUMBER	4	1,320	1,449	36	240	26	-
HOOKS OR BAITS	8	5,280	1,449	36	24,000	-	-

PACIFIC COAST FISHERIES

MONTEREY DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1968

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	8,501,800	$83,818	-	-	-	-
BONITO	8,600	565	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	4,900	$1,243	-	-
SAND DABS	-	-	171,100	12,436	-	-
"SOLE":						
DOVER	-	-	56,600	3,278	-	-
ENGLISH	-	-	439,800	36,504	-	-
PETRALE	-	-	248,300	36,542	-	-
REX	-	-	124,300	9,248	-	-
SAND	-	-	22,100	2,649	-	-
OTHER	-	-	37,200	2,956	-	-
HAKE	-	-	5,500	152	-	-
HERRING, SEA	253,300	23,934	-	-	-	-
JACK MACKEREL	960,000	40,686	600	25	-	-
KING CROAKER	76,000	5,020	52,400	3,458	-	-
LINGCOD	-	-	27,600	3,168	-	-
PERCH	5,900	986	2,400	401	-	-
POMPANO	57,100	14,510	2,000	508	-	-
ROCKFISHES	-	-	2,055,000	138,442	-	-
SABLEFISH	-	-	322,500	17,410	-	-
SALMON, CHINOOK OR KING	-	-	100	55	-	-
SARDINE, PACIFIC	1,300	317	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	13,600	505	-	-
SKATES	-	-	57,200	949	-	-
SMELT	19,700	2,046	-	-	-	-
TUNA, ALBACORE	12,800	2,400	-	-	-	-
TURBOT	-	-	100	4	-	-
UNCLASSIFIED, FOR FOOD	100	6	-	-	-	-
CRABS:						
DUNGENESS	-	-	100	27	900	$ 374
ROCK	-	-	-	-	200	9
SHRIMP, OCEAN	-	-	7,200	6,515	-	-
OCTOPUS	-	-	-	-	400	49
SQUID	14,297,800	390,898	100	3	-	-
TOTAL	24,194,400	565,186	3,650,700	276,478	1,500	432

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BONITO	-	-	1,100	$72	-	-
CABEZONE	-	-	12,700	511	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	61,100	$15,428	13,300	3,358	-	-
SAND DABS	-	-	1,500	110	-	-
"SOLE":						
PETRALE	-	-	100	16	-	-
UNCLASSIFIED	7,000	696	4,900	490	-	-
OTHER	12,200	975	10,400	832	-	-
HERRING, SEA	51,300	4,843	-	-	-	-
KING CROAKER	66,800	4,409	-	-	-	-
LINGCOD	-	-	43,700	5,026	-	-
PERCH	5,400	904	-	-	-	-
POMPANO	-	-	12,600	3,202	-	-
ROCKFISHES	-	-	339,700	23,779	-	-
SABLEFISH	-	-	1,007,500	55,850	-	-
SALMON:						
CHINOOK OR KING	-	-	548,600	367,195	-	-
SILVER OF COHO	-	-	23,900	12,691	-	-
SEA BASS:						
BLACK	-	-	100	23	-	-
WHITE	12,600	3,771	2,400	720	-	-
SHARKS, UNCLASSIFIED	45,100	1,675	1,900	70	-	-
SKATES	7,400	122	4,100	68	-	-
SMELT	-	-	-	-	29,600	$3,072
TUNA, ALBACORE	-	-	1,408,500	264,128	-	-
UNCLASSIFIED, FOR FOOD	300	19	500	32	-	-
SQUID	-	-	-	-	280,200	7,649
TOTAL	269,200	32,842	3,437,500	739,173	309,800	10,721

PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA
OPERATING UNITS, 1968

ITEM	PURSE SEINES		LAMPARA NETS		OTTER TRAWLS	
	ANCHOVY	MACKEREL	SQUID	OTHER	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	11	76	-	27	51	3
ON BOATS AND SHORE, REGULAR.	-	-	6	-	-	-
TOTAL	11	76	6	27	51	3
VESSELS, MOTOR.	2	9	-	4	17	1
GROSS TONNAGE	50	640	-	246	564	20
BOATS, MOTOR.	1	7	2	2	-	-
GEAR:						
NUMBER.	2	9	2	4	17	1
LENGTH, YARDS	875	4,850	800	2,275	-	-
YARDS AT MOUTH.	-	-	-	-	459	15

ITEM	POTS AND TRAPS		GILL NETS, DRIFT		TRAMMEL NETS	LINES
						HAND
	CRAB, DUNGENESS	LOBSTER, SPINY	SEA BASS	OTHER		ALBACORE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	3	32	15	7	6	51
ON BOATS AND SHORE, REGULAR.	-	24	18	6	9	6
TOTAL	3	56	33	13	15	57
VESSELS, MOTOR.	1	11	5	2	2	16
GROSS TONNAGE	11	211	72	29	24	469
BOATS, MOTOR.	-	12	9	2	3	7
GEAR:						
NUMBER.	96	2,078	14	4	5	57
SQUARE YARDS.	-	-	49,500	14,400	24,800	-
HOOKS OR BAITS.	-	-	-	-	-	57

ITEM	LINES - CONTINUED					
	HAND - CONTINUED		TROLL			LONG OR SET WITH HOOKS
	ROCKFISH	OTHER	SALMON	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	11	-	26	351	9	12
ON BOATS AND SHORE, REGULAR.	98	4	62	116	-	22
TOTAL	109	4	88	467	9	34
VESSELS, MOTOR.	4	-	9	119	3	4
GROSS TONNAGE	94	-	149	2,562	24	53
BOATS, MOTOR.	49	2	31	58	-	11
GEAR:						
NUMBER.	109	4	240	1,593	27	150
HOOKS OR BAITS.	218	8	960	1,593	27	15,000

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS		TONGS, OYSTER	BY HAND, OYSTER	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
		SWORDFISH	SHARK				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	9	26	6	-	-	42	645
ON BOATS AND SHORE, REGULAR.	3	-	-	6	6	278	618
TOTAL	12	26	6	6	6	320	1,263
VESSELS, MOTOR.	3	9	2	-	-	15	197
GROSS TONNAGE	89	162	24	-	-	229	4,908
BOATS, MOTOR.	1	-	-	4	4	139	321
GEAR, NUMBER.	12	9	2	6	-	166	-

SANTA BARBARA DISTRICT OF CALIFORNIA
CATCH BY GEAR, 1968

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	4,007,900	$30,494	-	-	-	-
BONITO	247,900	9,744	100	$4	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	104,700	31,137	-	-
SAND DABS	-	-	500	41	-	-
"SOLE":						
DOVER	-	-	31,700	1,901	-	-
ENGLISH	-	-	315,300	24,656	-	-
PETRALE	-	-	231,500	30,117	-	-
REX	-	-	81,400	6,659	-	-
SAND	-	-	7,200	866	-	-
OTHER	-	-	300	15	-	-
HAKE	-	-	500	9	-	-
JACK MACKEREL	4,251,000	159,414	-	-	-	-
KING CROAKER	1,200	30	-	-	-	-
LINGCOD	-	-	27,300	2,572	-	-
PERCH	-	-	900	216	-	-
POMPANO	1,900	372	-	-	-	-
ROCKFISHES	-	-	2,544,400	150,899	-	-
SABLEFISH	-	-	900	57	-	-
SARDINE, PACIFIC	20,000	3,996	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	4,000	360	-	-
SKATES	-	-	600	45	-	-
TUNA, ALBACORE	46,400	8,700	-	-	-	-
TURBOT	-	-	17,200	1,041	-	-
UNCLASSIFIED, BAIT AND ANIMAL FOOD	-	-	678,100	13,562	-	-
CRABS:						
DUNGENESS	-	-	200	50	1,800	$788
ROCK	-	-	600	30	108,600	6,978
LOBSTER, SPINY	-	-	-	-	112,300	96,125
SHRIMP, OCEAN	-	-	400	341	-	-
SQUID	2,557,700	35,878	-	-	-	-
TOTAL	11,134,000	248,628	4,047,800	264,578	222,700	103,891

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	9,400	$1,858	-	-	-	-
BONITO	-	-	6,800	$267	-	-
CABEZONE	-	-	6,300	209	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	109,800	32,710	17,200	5,126	-	-
"SOLE":						
PETRALE	-	-	400	52	-	-
SAND	-	-	100	13	-	-
UNCLASSIFIED	5,100	553	2,800	305	-	-
OTHER	9,400	746	7,800	620	-	-
KING CROAKER	10,800	276	3,500	89	-	-
LINGCOD	-	-	23,200	2,204	-	-
PERCH	18,100	4,411	-	-	-	-
POMPANO	-	-	300	59	-	-
ROCKFISHES	-	-	73,600	4,416	-	-
SALMON:						
CHINOOK OR KING	-	-	111,300	73,266	-	-
SILVER OR COHO	-	-	4,800	2,573	-	-
SCULPIN	-	-	200	37	-	-
SEA BASS:						
BLACK	-	-	1,000	163	-	-
WHITE	39,200	14,935	4,500	1,732	-	-
SHARKS, UNCLASSIFIED	94,300	8,487	9,800	956	-	-
SHEEPSHEAD	-	-	900	59	-	-
SKATES	2,200	165	300	22	-	-
TUNA:						
ALBACORE	-	-	2,085,000	390,941	-	-
SKIPJACK	-	-	400	47	-	-
WHITEFISH, COMMON	-	-	100	6	-	-
UNCLASSIFIED, FOR FOOD	-	-	100	4	-	-
SQUID	-	-	-	-	102,700	$1,440
TOTAL	298,300	64,141	2,360,400	483,166	102,700	1,440

SPECIES	HARPOONS				TONGS AND BY HAND		DIVING OUTFITS, ABALONE	
	SWORDFISH		SHARK					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHARKS, UNCLASSIFIED	-	-	53,000	$6,696	-	-	-	-
SWORDFISH	37,600	$24,743	-	-	-	-	-	-
ABALONE	-	-	-	-	-	-	431,000	$572,314
OYSTERS, MARKET, PACIFIC	-	-	-	-	140,700	$32,720	-	-
TOTAL	37,600	24,743	53,000	6,696	140,700	32,720	431,000	572,314

SAN PEDRO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1968

ITEM	PURSE SEINES				LAMPARA NETS		POTS AND TRAPS, LOBSTER	GILL NETS, DRIFT
	ANCHOVY	MACKEREL	TUNA	OTHER	SQUID	OTHER		BARRACUDA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	84	368	1,477	-	-	116	114	12
ON BOATS AND SHORE, REGULAR	-	12	-	8	15	8	94	8
TOTAL	84	380	1,477	8	15	124	208	20
VESSELS, MOTOR	14	46	128	-	-	14	42	4
GROSS TONNAGE	624	3,271	44,604	-	-	1,140	766	69
BOATS, MOTOR	8	46	220	4	5	17	47	4
GEAR:								
NUMBER	14	49	128	2	5	16	7,844	8
LENGTH, YARDS	6,860	26,995	102,615	925	2,125	9,160	-	-
SQUARE YARDS	-	-	-	-	-	-	-	28,200

ITEM	GILL NETS, DRIFT-CONTINUED		TRAMMEL NETS	LINES			
				HAND			
	SEA BASS	OTHER		ALBACORE	ROCKFISH	YELLOWFIN AND SKIPJACK	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	54	6	-	496	201	357	65
ON BOATS AND SHORE, REGULAR	72	10	19	30	116	-	12
TOTAL	126	16	19	526	317	357	77
VESSELS, MOTOR	18	2	-	89	71	49	22
GROSS TONNAGE	352	32	-	7,389	1,513	5,904	654
BOATS, MOTOR	36	5	9	65	58	43	6
GEAR:							
NUMBER	54	7	9	507	317	338	77
SQUARE YARDS	185,400	23,500	48,200	-	-	-	-
HOOKS OR BAITS	-	-	-	507	634	338	154

ITEM	LINES - CONTINUED			DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL		LONG OR SET WITH HOOKS				
	ALBACORE	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	645	-	66	61	43	42	2,848
ON BOATS AND SHORE, REGULAR	68	10	28	8	32	136	588
TOTAL	713	10	94	69	75	178	3,436
VESSELS, MOTOR	220	-	22	20	17	16	511
GROSS TONNAGE	5,423	-	595	476	265	238	58,867
BOATS, MOTOR	34	5	14	4	16	68	568
GEAR:							
NUMBER	2,286	45	360	69	33	94	-
HOOKS OR BAITS	2,286	45	36,000	-	-	-	-

PACIFIC COAST FISHERIES

SAN PEDRO DISTRICT OF CALIFORNIA
CATCH BY GEAR, 1968

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL AND TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	18,514,900	$167,591	-	-	-	-
BARRACUDA	6,100	1,446	-	-	87,600	$20,761
BONITO	14,245,000	591,737	-	-	-	-
FLOUNDERS, CALIFORNIA HALIBUT	-	-	-	-	44,300	13,184
FLYING FISH	25,000	3,588	-	-	28,400	4,077
HALFMOON	-	-	-	-	10,100	2,332
JACK MACKEREL	50,343,700	1,918,070	-	-	600	23
KING CROAKER	184,900	11,186	-	-	466,200	28,228
MACKEREL, PACIFIC	2,802,400	149,863	-	-	8,200	438
OPALEYE	3,000	584	-	-	-	-
PERCH	-	-	-	-	39,000	8,498
POMPANO	127,800	20,993	-	-	-	-
SARDINE, PACIFIC	100,800	10,529	-	-	-	-
SEA BASS:						
BLACK	-	-	-	-	30,400	5,524
WHITE	-	-	-	-	648,500	189,327
SHARKS, UNCLASSIFIED	-	-	-	-	67,700	8,739
SHEEPSHEAD	-	-	1,600	$144	-	-
SMELT	87,100	3,839	-	-	27,500	1,210
TUNA:						
ALBACORE	348,800	74,120	-	-	-	-
BLUEFIN	10,006,100	1,521,823	-	-	-	-
SKIPJACK	39,930,200	5,225,908	-	-	-	-
YELLOWFIN	106,111,700	16,509,928	-	-	-	-
YELLOWTAIL	92,600	10,523	-	-	-	-
UNCLASSIFIED, FOR FOOD	4,200	126	-	-	127,200	3,813
CRABS, ROCK	-	-	234,600	29,777	-	-
LOBSTER, SPINY	-	-	108,800	104,435	-	-
OCTOPUS	-	-	-	-	200	49
SQUID	7,004,700	106,919	-	-	-	-
TOTAL	249,939,000	26,328,773	345,000	134,356	1,585,900	286,203

SPECIES	LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	3,400	$806	-	-
BONITO	364,900	15,143	-	-
FLOUNDERS:				
CALIFORNIA HALIBUT	86,400	25,719	-	-
SAND DABS	100	28	-	-
"SOLE":				
ENGLISH	200	24	-	-
PETRALE	200	25	-	-
UNCLASSIFIED	700	91	-	-
OTHER	100	12	-	-
FLYING FISH	-	-	19,700	$2,827
GROUPERS	207,600	47,812	-	-
HALFMOON	9,300	2,149	-	-
JACK MACKEREL	3,200	122	108,200	4,112
KING CROAKER	55,500	3,358	-	-
LINGCOD	600	105	-	-
MACKEREL, PACIFIC	21,000	1,121	296,800	15,849
OPALEYE	7,800	1,519	-	-
PERCH	2,300	502	-	-
POMPANO	67,700	11,116	-	-
ROCKFISHES	656,600	95,794	-	-
SABLEFISH	600	49	-	-
SALMON, CHINOOK OR KING	100	19	-	-
SCULPIN	7,700	2,737	-	-
SEA BASS:				
BLACK	106,200	19,297	-	-
WHITE	54,900	16,025	-	-
SHARKS, UNCLASSIFIED	18,400	2,374	-	-
SHEEPSHEAD	3,300	299	-	-
SKATES	100	7	-	-
SMELT	-	-	18,900	832
TUNA:				
ALBACORE	5,355,000	1,138,385	-	-
BLUEFIN	44,900	6,824	-	-
SKIPJACK	5,246,000	686,177	-	-
YELLOWFIN	6,042,900	939,671	-	-
WAHOO	6,200	1,426	-	-
WHITEFISH	700	58	-	-
YELLOWTAIL	40,200	4,567	-	-
UNCLASSIFIED, FOR FOOD	6,500	234	-	-
SQUID	-	-	688,800	10,470
TOTAL	18,421,300	3,023,595	1,132,400	34,090

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	116,900	$79,223	-	-
ABALONE	-	-	312,700	$372,314
TOTAL	116,900	79,223	312,700	372,314

SAN DIEGO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1968

ITEM	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS, LOBSTER	GILL NETS, DRIFT	
	TUNA	OTHER		BARRACUDA	SEA BASS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	777	4	75	9	30
ON BOATS AND SHORE, REGULAR.	-	-	114	3	27
TOTAL	777	4	189	12	57
VESSELS, MOTOR.	64	1	27	3	10
GROSS TONNAGE	24,620	60	441	64	213
BOATS, MOTOR.	120	1	57	1	9
GEAR:					
NUMBER.	64	1	7,306	4	19
LENGTH, YARDS	52,915	450	-	-	-
SQUARE YARDS.	-	-	-	13,900	66,600

ITEM	GILL NETS, DRIFT - CONTINUED	LINES			
		HAND			
	OTHER	ALBACORE	ROCKFISH	YELLOWFIN AND SKIPJACK	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	362	78	258	52
ON BOATS AND SHORE, REGULAR.	5	52	68	-	14
TOTAL	5	414	146	258	66
VESSELS, MOTOR.	-	63	28	35	18
GROSS TONNAGE	-	5,423	616	4,440	355
BOATS, MOTOR.	2	63	34	32	7
GEAR:					
NUMBER.	2	396	146	241	66
SQUARE YARDS.	6,800	-	-	-	-
HOOKS OR BAITS.	-	396	292	241	132

ITEM	LINES - CONTINUED		HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL, ALBACORE	LONG OR SET WITH HOOKS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	337	25	13	24	1,547
ON BOATS AND SHORE, REGULAR.	80	10	6	98	374
TOTAL	417	35	19	122	1,921
VESSELS, MOTOR.	115	9	5	9	265
GROSS TONNAGE	2,596	183	223	155	33,409
BOATS, MOTOR.	40	5	3	49	344
GEAR:					
NUMBER.	1,395	140	8	64	-
HOOKS OR BAITS.	1,395	14,000	-	-	-

SAN DIEGO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1968

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL AND TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	5,800	$1,032	-	-	26,200	$4,661
BONITO.	39,300	1,674	-	-	-	-
FLOUNDERS, CALIFORNIA HALIBUT.	-	-	-	-	16,200	5,297
FLYING FISH	-	-	-	-	500	121
HALFMOON.	4,600	920	-	-	18,200	3,640
KING CROAKER.	2,300	237	-	-	4,900	507
MACKEREL, PACIFIC	1,100	107	-	-	900	87
PERCH	1,100	210	-	-	7,100	1,357
SARDINE, PACIFIC.	2,000	451	-	-	-	-
SEA BASS:						
BLACK	-	-	-	-	3,200	574
WHITE	-	-	-	-	84,200	27,626
SHARKS, UNCLASSIFIED. . .	-	-	-	-	102,800	13,472
SHEEPSHEAD.	-	-	3,200	$339	-	-
SMELT	600	65	-	-	-	-
TUNA:						
ALBACORE.	87,200	17,501	-	-	-	-
BLUEFIN	2,858,900	423,279	-	-	-	-
SKIPJACK.	12,401,600	1,639,478	-	-	-	-
YELLOWFIN	38,746,000	6,032,592	-	-	-	-
YELLOWTAIL.	2,500	247	-	-	-	-
CRABS, ROCK	-	-	7,000	429	-	-
LOBSTER, SPINY.	-	-	91,400	92,605	-	-
SQUID	500	15	-	-	-	-
TOTAL	54,153,500	8,117,808	101,600	93,373	264,200	57,342

SPECIES	LINES		HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	2,000	$356	-	-	-	-
BONITO.	7,400	315	-	-	-	-
CABEZONE.	100	9	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT. .	22,600	7,388	-	-	-	-
SAND DABS	100	20	-	-	-	-
"SOLE", UNCLASSIFIED.	2,000	518	-	-	-	-
GROUPERS.	23,300	5,583	-	-	-	-
HALFMOON.	7,400	1,493	-	-	-	-
JACK MACKEREL	100	8	-	-	-	-
KING CROAKER.	1,200	123	-	-	-	-
LINGCOD	400	37	-	-	-	-
MACKEREL, PACIFIC . . .	3,000	292	-	-	-	-
OPALEYE	400	61	-	-	-	-
PERCH	2,000	382	-	-	-	-
ROCKFISHES.	286,900	41,462	-	-	-	-
SCULPIN	117,300	31,836	-	-	-	-
SEA BASS:						
BLACK	17,500	3,139	-	-	-	-
WHITE	15,200	4,991				
SHARKS, UNCLASSIFIED. .	27,900	3,655	-	-	-	-
SHEEPSHEAD.	3,700	392	-	-	-	-
SWORDFISH	-	-	44,900	$29,963	-	-
TUNA:						
ALBACORE.	1,329,100	266,840	-	-	-	-
BLUEFIN	26,400	3,907	-	-	-	-
SKIPJACK.	1,656,400	218,810	-	-	-	-
YELLOWFIN	2,235,500	347,844	-	-	-	-
WAHOO	100	18	-	-	-	-
WHITEFISH	1,800	148	-	-	-	-
YELLOWTAIL.	27,900	2,753	-	-	-	-
UNCLASSIFIED, FOR FOOD.	100	24	-	-	-	-
ABALONE	-	-	-	-	148,400	$174,763
TOTAL	5,817,800	942,404	44,900	29,263	148,400	178,763

LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

Halibut landings at Seattle were 8.2 million pounds (dressed weight) worth $2.1 million --a 3 percent increase in both volume and value compared with the previous year. Halibut landings from fishing grounds west of Cape Spencer (7.1 million pounds) were 546,000 pounds greater than in 1967, but those from fishing grounds south of Cape Spencer (1.1 million pounds) declined slightly compared with the previous year.

Sablefish landings from fishing grounds off Cape Spencer (99,000 pounds) were 30,000 pounds less than a year earlier.

The following tables contain a summary of the landings of dressed halibut and sablefish at Seattle by the U.S. halibut fleet. These data are not directly comparable with the State and sectional tabulations, since the weights in those tables represent the round weight of fish landed.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY FISHING GROUNDS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FISHING GROUNDS	TRIPS	HALIBUT (DRESSED)										SABLEFISH		TOTAL	
		CHICKEN		MEDIUM		LARGE		NO. 2 MEDIUM		NO. 2 LARGE					
	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WEST OF CAPE SPENCER. . .	114	74	17	3,764	965	2,749	699	412	91	126	28	1	(1)	7,126	1,800
SOUTH OF CAPE SPENCER . .	50	189	41	704	189	126	32	42	10	1	(1)	98	21	1,160	293
TOTAL	164	263	58	4,468	1,154	2,875	731	454	101	127	28	99	21	8,286	2,093

1/ LESS THAN $500.
SEE NOTE AT END OF NEXT TABLE.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY MONTHS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

MONTHS	TRIPS	HALIBUT (DRESSED)										SABLEFISH		TOTAL	
		CHICKEN		MEDIUM		LARGE		NO. 2 MEDIUM		NO. 2 LARGE					
	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
APRIL	7	8	2	264	71	106	27	20	4	3	1	-	-	401	105
MAY	41	51	11	1,392	334	799	191	93	19	17	3	10	2	2,362	560
JUNE.	25	44	10	562	145	295	73	41	9	11	2	24	5	977	244
JULY.	30	65	14	679	172	459	111	88	19	30	6	7	2	1,328	324
AUGUST.	33	65	14	885	228	661	165	124	27	34	8	27	5	1,796	447
SEPTEMBER	16	26	6	467	131	272	73	61	15	8	2	14	3	848	230
OCTOBER / OCTOBEP	10	4	1	182	60	185	58	21	6	12	3	17	4	421	132
NOVEMBER.	2	-	-	37	13	98	33	6	2	12	3	-	-	153	51
TOTAL	164	263	58	4,468	1,154	2,875	731	454	101	127	28	99	21	8,286	2,093

NOTE:--THE 1968 HALIBUT FISHERY SEASON OPENED MARCH 29 IN AREAS 3C, 4C, AND 4D. AREA 4C CLOSED APRIL 22, AND AREAS 3C AND 4D CLOSED NOVEMBER 15. AREA 4A WAS OPEN FROM APRIL 3 TO APRIL 17. AREA 3B WAS OPEN FROM APRIL 14 TO 17, REOPENED MAY 4, AND CLOSED NOVEMBER 15. AREAS 2 AND 3A OPENED MAY 4 AND CLOSED OCTOBER 15. AREA 4B OPENED SEPTEMBER 1 AND CLOSED SEPTEMBER 10.

WHALING, 1968

During the whaling season the Del Monte Fishing Company operated a whaling station at Point San Pablo, Calif. It was the only whaling station operating in the United States in 1968. As in previous years, the Del Monte Company used the catcher boats Allen Cody, Dennis Gayle, and Donna Mae. The whaling season was April 1 to November 30, inclusive, for sperm whales and April 15 to October 15, inclusive, for other whales.

Special scientific permit No. 1968-1, issued to the Director, Bureau of Commercial Fisheries, Marine Mammal Laboratory, Seattle, Wash., authorized the taking of not more than 100 gray whales. Under this permit, the Del Monte Fishing Company took 66 gray whales during the period from January 14 to April 11. Special scientific permit No. 1968-2 authorized the taking of not more than 100 sperm whales, including lactating and undersized specimens. Fifty-three sperm whales were taken under this permit between April 24 and December 24. These gray and sperm whales were taken under the supervision of a biologist.

All whale carcasses (excluding the meat) were taken to the Pacific Rendering Company, San Francisco, Calif., for processing into meal and oil. The entire catch was processed into 2.2 million pounds of meal, 2.4 million pounds of oil, and more than 1.8 million pounds of meat (for use as canned or frozen animal food). These products were valued at $396,000 to the producer--a decline of $39,000 compared with 1967.

WHALE CATCH, 1968

MONTH	FIN	GRAY 1/	SEI	SPERM 2/	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
JANUARY	-	35	-	-	35
FEBRUARY	-	7	-	-	7
MARCH	-	17	-	-	17
APRIL	-	7	-	12	19
MAY	-	-	-	19	19
JUNE	5	-	-	4	9
JULY	4	-	1	5	10
AUGUST	25	-	1	-	26
SEPTEMBER	3	-	12	18	33
OCTOBER	1	-	-	15	16
NOVEMBER	-	-	-	8	8
DECEMBER	-	-	-	3	3
TOTAL	38	66	14	84	202

1/ SPECIAL SCIENTIFIC PERMIT NO. 1968-1 AUTHORIZED THE CAPTURE OF NOT MORE THAN 100 GRAY WHALES.

2/ SPECIAL SCIENTIFIC PERMIT NO. 1968-2 AUTHORIZED THE CAPTURE OF NOT MORE THAN 100 SPERM WHALES. A TOTAL OF 53 WERE TAKEN IN THE FOLLOWING MONTHS: APRIL, 10: MAY, 13; JUNE, 2; JULY, 3; SEPTEMBER, 7; OCTOBER, 10; NOVEMBER, 5; AND DECEMBER, 3.

WHALE PRODUCTS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
MEAL	2,190	131
MEAT	1,863	149
OIL:		
SPERM	965	46
WHALE	1,429	70
TOTAL	6,447	396

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

PACIFIC COAST FISHERIES

FUR SEAL INDUSTRY OF THE PRIBILOF ISLANDS, 1968

Fur sealing operations on the Pribilof Islands produced 58,532 commercial sealskins--a decline of 7,140 compared with 1967. Male seals accounted for 45,437 commercial sealskins; female seals, 13,095 sealskins. The minimum established quota of female sealskins for the season was 13,000, the amount considered to be in excess of the optimum breeding level. In 1968, females were harvested on the Islands during special seasons on St. Paul (August 6-16) and St. George (August 7-12) as well as during the regular season from June 26 to August 5.

CLASSES OF SEALS TAKEN ON THE PRIBILOF ISLANDS, BY AGE GROUP, 1968

ITEM	ST. PAUL ISLAND		ST. GEORGE ISLAND	
	MALE	FEMALE	MALE	FEMALE
	. . . . . . PERCENT			
BY AGE:				
2-YEAR-OLDS	5	(1)	5	(1)
3-YEAR-OLDS	53	6	49	3
4-YEAR-OLDS	38	20	41	18
5-YEAR-OLDS	4	14	5	14
6-YEAR-OLDS	(1)	12	(1)	14
7-YEAR-OLDS	-	7	-	9
8-YEAR-OLDS	-	5	-	6
9-YEAR-OLDS	-	5	-	7
10-YEAR-OLDS	-	4	-	4
11-YEAR-OLDS	-	4	-	4
12-YEAR-OLDS	-	3	-	3
13-YEAR-OLDS	-	3	-	4
14-YEAR-OLDS	-	3	-	5
15-YEAR-OLDS & OLDER .	-	14	-	9
TOTAL.	100	100	100	100

1/ NEGLIGIBLE. NOTE:--PERCENTAGE OF MALE SEALS FOR SEASON JUNE 26 TO AUGUST 5. PERCENTAGE OF FEMALE SEALS FOR THE JULY-AUGUST SEASON.

Fur seal production on St. George Island was 20 percent of the total harvest--about average for the long-term period.

For the sixth consecutive year, the Government supervised the sealskin curing operations. Seventy-two men were employed in skin curing and carcass disposal--compared with 78 in the previous year. Of this number, 24 were residents of the Pribilof Islands, 4 were natives of the Aleutian Islands, 32 came from Alaska, and 12 were from other Pacific Coast States. As they became available from schools and other activities, natives from the Aleutian Chain and Pribilofs were hired temporarily for preparatory and maintenance work during May and June. Most nonresident workers arrived just before the beginning of the sealing season on June 26 and left when the season was nearly over (about August 16) to resume their schooling or other occupations.

Commercial air flights provided transportation for the workmen to and from the Islands; the motor vessel Pribilof provided transportation between St. Paul and St. George Islands.

The Pribilof made four round trips to the Pribilof Islands in 1968. The vessel was also used for a trip to the Commander Islands (owned by Soviet Russia) so that Bureau biologists might observe the sealing there.

From July 17 to August 1, a Task Force composed of representatives of the Department of the Interior and the Humane Society of the United States reviewed the seal harvest and killing practices on the Pribilof Islands and made recommendations for both current operations and future research. It recommended that current operations deal principally with improvements in present methods and supervision and that future research should establish criteria for judging the humaneness of euthanasia methods.

The Task Force recommended that future studies of euthanasia methods should include: 1. A review of the literature on diving mammal physiology and on euthanasia methods, and also consultation with scientists doing slaughter research. 2. A feasibility study of various methods. 3. Research to explore the physiological and behavioral characteristics of the fur seal.

PACIFIC COAST FISHERIES

DISTRIBUTION AND TAKE OF SEALSKINS

The fur seal treaty provides that Canada and Japan each receive 15 percent of the skins taken on the Pribilof Islands. The distribution of sealskins follows:

ITEM	UNITED STATES	CANADA	JAPAN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
FROM ST. PAUL ISLAND:				
MALE SKINS	25,376	5,438	5,438	36,252
FEMALE SKINS	7,226	1,549	1,549	10,324
TOTAL	32,602	6,987	6,987	46,576
FROM ST. GEORGE ISLAND:				
MALE SKINS	6,429	1,378	1,378	9,185
FEMALE SKINS	1,939	416	416	2,771
TOTAL	8,368	1,794	1,794	11,956
FROM BOTH ISLANDS:				
MALE SKINS	31,805	6,816	6,816	45,437
FEMALE SKINS	9,165	1,965	1,965	13,095
GRAND TOTAL	40,970	8,781	8,781	58,532

NOTE:--THE STANDARD PACKING FORMULA USED IN 1968 WAS 80 MALE SKINS, 80 IMMATURE FEMALE SKINS, OR 65 MATURE FEMALE SKINS PER BARREL.

About 633 barrels of seal blubber were processed and packed in 1968.

All seal carcasses on St. Paul were ground and frozen for animal food, principally for mink food. The production was about 927 tons.

SALE OF SEALSKINS

There were 46,740 fur sealskins sold for the account of the U.S. Government at the two public auctions held in Greenville, S.C. Gross receipts from both 1968 sales were $4,469,100. Offerings consisted of 40,506 conventionally processed skins, 3,297 LAKODA sheared skins, and 2,937 natural sheared. Proceeds from the sale that took place April 4-5 were $2,393,600 and from the sale held September 19-20, $2,075,500.

DISTRIBUTION OF PRIBILOF ISLANDS RECEIPTS, FISCAL YEAR, 1968

ITEM	AMOUNT
COST OF HANDLING, PROCESSING, DYEING, AND DRESSING	$1,254,598
COST OF ADMINISTRATION OF PRIBILOF ISLANDS	2,451,894
PAYMENT TO THE STATE OF ALASKA	309,508
NET RECEIPTS TO THE U.S. GOVERNMENT	132,646
TOTAL	4,148,646

NOTE:--FIGURES SHOWN IN THE ABOVE TABLE ARE COMPUTED ON A FISCAL YEAR BASIS. THOSE QUOTED IN THE PRECEDING NARRATIVE ARE ON A CALENDAR YEAR BASIS.

SECTION 8 - GREAT LAKES FISHERIES

United States and Canadian commercial fishermen in the five Great Lakes, Lake St. Clair, and three of the five international lakes of northern Minnesota and Canada harvested 120.2 million pounds of fresh-water fish--a decline of 11.7 million compared with the previous year. U.S. landings of 69 million pounds worth $5.9 million were 14.6 million pounds and $187,000 less than in 1967. Canadian fishermen, however, caught 51.2 million pounds--an increase of 2.9 million compared with a year earlier.

The decline in the U.S. production was caused principally by a smaller catch of alewives--27.2 million pounds in 1968 compared with 41.9 million in 1967. Alewives accounted for nearly 40 percent of the total U.S. catch from the Great Lakes and international lakes. Landings of yellow perch (5.3 million pounds) and carp (6.1 million pounds) both declined about 500,000 pounds; and there were smaller decreases in landings of lake herring and chubs. Compared with 1967, the catch of sheepshead, coho salmon, smelt, and tullibee increased.

Wisconsin led in volume of landings with 29.5 million pounds, followed by Michigan with 24 million; Ohio, 10.4 million; and Minnesota, 3.4 million pounds. Four States (New York, Pennsylvania, Illinois, and Indiana) supplied the remaining 1.7 million pounds. The five Great Lakes in order of total production were Michigan, 45.8 million pounds; Erie, 11.9; Superior, 6.6; Huron, 2.7 million pounds; and Ontario, 342,000 pounds. The catch in Lake of the Woods (1.5 million pounds) accounted for 93 percent of the U.S. landings in the boundary lakes.

Fishermen and vessels. There were 1,841 fishermen operating 298 vessels (5 net tons or more) and 811 other craft in the U.S. commercial fisheries of the Great Lakes and international lakes--185 fishermen, 32 vessels, and 162 boats less than in the previous year. Vessels operated an average of 89 craft-days, and other craft averaged 37 craft-days--a decline of 6 craft-days for vessels but an increase of 5 craft-days for other craft compared with 1967. There were 116,711 fishermen-days and 56,198 craft-days in 1968--a decline of 13,240 fishermen-days and 6,089 craft-days compared with 1967.

Fishing effort. Compared with 1967, total fishing effort decreased for the following gears: Pound nets (6,900 lifts) declined 3,106 lifts; trap nets (27,109 lifts), 2,965 lifts; fyke and hoop nets (7,846 lifts), 1,524 lifts; 2-1/8-to 3-7/8-inch mesh gill nets (59,870,000 linear yards), 11,837,000 linear yards; 4-to 7-inch mesh gill nets (23,422,000 linear yards), 518,000 linear yards; and otter trawls (5,778 hours), 2,448 hours. The reduced effort in the pound net and otter trawl fisheries was reflected in smaller landings of alewives, the principal fish taken by these gears. Alewife landings declined 35 percent compared with 1967--an illustration of the close correlation between decreased fishing effort and catch.

The following gears showed improved fishing effort compared with the previous year: Haul seines (2,644,000 linear yards) increased 19,000 linear yards; 1-1/4-to 2-inch mesh gill nets (654,000 linear yards), 139,000 linear yards; and 7-1/8-to 14-inch mesh gill nets (1,567,000 linear yards), 184,000 linear yards.

Legislation. The Ohio Wildlife Council approved new regulations restricting the use of gill nets in Ohio waters of Lake Erie. The regulations prohibit entirely the use of gill nets in the western basin of Lake Erie, and in the central basin also unless the size net has meshes greater than 3-1/4 inch.

GREAT LAKES FISHERIES

In Michigan, the Legislature enacted a law directing the Governor of the State to appoint a nine-member Advisory Committee to advise the State Department of Natural Resources on matters pertaining to commercial fisheries. The law gives the Department broad authority to regulate commercial fishing in the Great Lakes in the following ways: (1) Restrict the number of licenses issued to commercial fishermen--providing, however, that any person currently holding a license may continue to hold it for as many years as he chooses if he meets certain qualifications defined in the law, (2) suspend or revoke licenses for violation of rules, (3) determine areas to be opened or closed to fishing and determine how much fish may be caught, (4) restrict fishing methods and gears, and set seasonal and depth limits, (5) inspect commercial fishing operations, afloat or ashore, and (6) require commercial fishermen to deposit in the Game and Fish Protection Fund up to 5 percent of the value received for their catch. The revenue gained would be used in the development and management of fisheries.

U.S. catch by lake.

Lake Ontario. The catch was 342,300 pounds--a gain of more than 58,000 pounds compared with 1967, and the second largest harvest since 1952. Increased landings of bullheads, carp, and eels, accounted largely for the increase. The Lake Ontario production has not exceeded 1 million pounds since 1940.

Lake Erie. The 11.9-million-pound catch was 306,000 pounds more than in 1967, when production declined to an alltime low. Compared with 1967, landings of sheepshead (3.1 million pounds) increased 23 percent and yellow perch (3.7 million pounds) increased 11 percent. Despite the gain in volume, the value of the catch (1.2 million) was $106,200 less than in the previous year. Principal cause of the decline was a decrease of about 2 cents in the average price per pound received by fishermen for carp and sheepshead. The two species accounted for 49 percent of the total production. The yellow pike catch of 514,400 pounds worth almost $250,000 was only 4 percent of the volume but 21 percent of the value of the Lake Erie harvest.

Lake Huron. The catch of 2.7 million pounds was 534,000 pounds less than in the previous year and the smallest production on record. Compared with 1967, landings of chubs (104,000 pounds), suckers (162,000 pounds), and yellow perch (885,000 pounds) declined markedly and were the principal cause of the reduced harvest. Yellow pike, once one of the major fisheries, accounted for only 28,400 pounds--the second smallest catch on record.

Lake Michigan. Landings of 45.8 million pounds worth $3.1 million declined 13.1 million pounds but increased $124,200 compared with 1967. The alewife catch (27.2 million pounds) was 14.7 million less than in the previous year, and the principal cause of the decline. Alewives were 59 percent of the catch in Lake Michigan. Landings of carp and yellow perch also declined. Despite the decrease in volume, the Lake Michigan production was the fourth largest on record.

The gain in value resulted mainly from a greater production of chubs--10.2 million pounds worth $1.6 million. The average price of nearly 16 cents per pound more than offset the smaller returns from the alewife fishery.

The 73,000-pound catch of lake trout was the first harvest since 1950 to exceed 50,000 pounds. Most of the catch was taken from State of Michigan waters by special permit. The apparent rehabilitation of this valuable fishery has resulted from effective lamprey control, restricted fishing, and restocking of the fishery resource.

GREAT LAKES FISHERIES

Lake Superior. Landings of 6.6 million pounds were 1.3 million less than in 1967, and the smallest catch since 1922. A smaller harvest of chubs, lake herring, and smelt was the principal cause of the decline. Lake herring landings of 3.6 million pounds were the smallest recorded since separate statistics for chubs and herring became available in 1941. Despite this decline, lake herring accounted for 55 percent of the volume and 41 percent of the value of the Lake Superior production. The catch of whitefish (565,000 pounds) and lake trout (206,000 pounds) increased 16 percent and 3 percent, respectively, compared with the previous year. Biologists attributed the gain to effective lamprey control, restricted fishing, and restocking of the fishery resource.

Salmon propagation. The State of Michigan's propagation of coho salmon in Lake Michigan resulted in a commercial salmon catch in the Great Lakes for the second consecutive year. The 2-million-pound harvest increased 515,000 pounds compared with 1967. Four State employees fishing two weirs for 53 days caught all the coho salmon taken commercially in Lake Michigan.

Pacific salmon have been planted in several Great Lakes. The State of Michigan has sponsored the planting of coho in Lake Superior in recent years, and initial plantings of coho and chinook salmon in Lake Huron in 1968. In 1968, Wisconsin introduced coho into its waters of Lake Michigan; and Ohio, Pennsylvania, and New York planted coho salmon in Lake Erie.

In Canada, the Ontario Department of Lands and Forests has been propagating Kokanees (landlocked sockeye salmon) in Lakes Huron and Ontario since 1965.

Sea lamprey control. To assess the effectiveness of a selective lampricide being used to control sea lampreys, the Bureau continued to operate 16 electrical barriers in streams on the south shore of Lake Superior. The numbers of spawning-run lampreys taken at the barriers increased significantly during the year. There were 7,936 sea lampreys taken--4,574 more than in the previous year. The total number taken in 1968 was only 633 less than the average of the past 6 years (1962-67); however, the total was still only one-eighth of the record 66,701 lampreys taken in 1961. Ten tributary streams to Lake Michigan were treated with lampricides in 1968, and four tributaries to Lake Huron received initial treatments. The search for new and more effective lampricides continued on a limited basis.

Research. Four Great Lakes vessels, Cisco, Kaho, Musky II, and Siscowet continued to support biological research, and exploratory fishing. Research continued on pesticide concentrations and pollution in the Great Lakes. The Technological Laboratory continued its research on botulisms.

Other information. Condensed summary data on landings of the Great Lakes Fisheries appearing on the following pages have been published previously in Current Fishery Statistics No. 5247. Seasonal variations in the catch of fish landed in Wisconsin, Ohio, and Michigan can be ascertained from monthly landings bulletins issued currently in cooperation with the fishery departments of these States. Additional specific data on Great Lakes Fisheries may be found in the daily, monthly, and annual reports published by the Bureau's Fishery Market News Service office in Chicago, Ill.

Acknowledgments. The following organizations helped collect the data appearing in this section: Dominion Bureau of Statistics of Canada; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Michigan Department of Natural Resources, Fish Section, Great Lakes Fisheries; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; New York Conservation Department, Division of Fish and Game; Ohio Department of Natural Resources, Division of Wildlife, Section of Fish Management; Pennsylvania Fish Commission; and the Wisconsin Conservation Department, Fish Management Division.

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1968

(THOUSANDS OF POUNDS)

SPECIES	LAKE ONTARIO			LAKE ERIE			LAKE HURON	
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLUE PIKE	-	-	-	(1)	-	(1)	-	-
BOWFIN	1	15	16	-	10	10	1	-
BUFFALOFISH	-	-	-	42	-	42	-	-
BULLHEADS	50	146	196	26	15	41	10	2
BURBOT	-	-	-	(1)	(1)	(1)	(1)	2
CARP	49	412	461	2,683	94	2,777	1,016	82
CATFISH	3	23	26	769	92	861	101	19
CHUBS	(1)	-	(1)	-	-	-	104	444
CRAPPIE	4	-	4	-	-	-	5	-
EEL, COMMON	74	173	247	(1)	(1)	(1)	-	-
GIZZARD SHAD	-	-	-	28	-	28	1	-
GOLDFISH	-	-	-	107	-	107	-	-
LAKE HERRING	2	40	42	(1)	(1)	(1)	19	25
LAKE TROUT	-	-	-	-	-	-	(1)	5
MOONEYE OR GOLDEYE	-	-	-	(1)	-	(1)	-	-
PIKE OR PICKEREL	-	34	34	-	2	2	-	27
QUILLBACK	-	-	-	-	-	-	14	-
ROCK BASS	25	64	89	(1)	45	45	1	2
SALMON, SILVER OR COHO	-	-	-	(1)	-	(1)	-	-
SAUGER	-	-	-	(1)	1	1	(1)	(1)
SHEEPSHEAD	(1)	25	25	3,144	651	3,795	10	102
SMELT	-	168	168	1	12,223	12,224	28	1
STURGEON, COMMON	(1)	2	2	1	1	2	(1)	21
SUCKERS	3	20	23	141	20	161	162	210
SUNFISH	10	186	196	-	29	29	-	-
WHITE BASS	1	6	7	728	750	1,478	(1)	4
WHITEFISH:								
COMMON	(1)	76	76	2	1	3	281	741
MENOMINEE	-	-	-	-	-	-	12	34
WHITE PERCH	105	223	328	(1)	-	(1)	-	-
YELLOW PERCH	14	304	318	3,734	24,435	28,169	885	123
YELLOW PIKE	1	22	23	514	329	843	28	403
UNCLASSIFIED, FOR ANIMAL FOOD	-	70	70	-	717	717	-	183
TOTAL	342	2,009	2,351	11,920	39,415	51,335	2,678	2,430

SPECIES	LAKE HURON CONTINUED	LAKE MICHIGAN,	LAKE SUPERIOR			TOTAL, GREAT LAKES		
	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	-	27,194	(1)	-	(1)	27,194	-	27,194
BLUE PIKE	-	-	-	-	-	(1)	-	(1)
BOWFIN	1	-	-	-	-	2	25	27
BUFFALOFISH	-	-	-	-	-	42	-	42
BULLHEADS	12	21	-	-	-	107	163	270
BURBOT	2	60	10	-	10	70	2	72
CARP	1,098	2,352	(1)	-	(1)	6,100	588	6,688
CATFISH	120	(1)	-	-	-	873	134	1,007
CHUBS	548	10,183	839	5	844	11,126	449	11,575
CRAPPIE	5	-	-	-	-	9	-	9
EEL, COMMON	-	-	-	-	-	74	173	247
GIZZARD SHAD	1	1	-	-	-	30	-	30
GOLDFISH	-	-	-	-	-	107	-	107
LAKE HERRING	44	53	3,589	2,649	6,238	3,663	2,714	6,377
LAKE TROUT	5	73	206	193	399	279	198	477
MOONEYE OR GOLDEYE	-	-	-	-	-	(1)	-	(1)
PIKE OR PICKEREL	27	30	-	2	2	30	65	95
QUILLBACK	14	-	-	-	-	14	-	14
ROCK BASS	3	(1)	-	-	-	26	111	137
SALMON, SILVER OR COHO	-	1,999	(1)	-	(1)	1,999	-	1,999
SAUGER	(1)	(1)	(1)	17	17	(1)	18	18
SCULPIN	-	(1)	-	-	-	(1)	-	(1)
SHEEPSHEAD	112	(1)	-	-	-	3,154	778	3,932
SMELT	29	1,789	1,297	98	1,395	3,115	12,490	15,605
STURGEON, COMMON	21	2	(1)	2	2	3	26	29
SUCKERS	372	465	64	29	93	835	279	1,114
SUNFISH	-	-	-	-	-	10	215	225
WHITE BASS	4	-	-	-	-	729	760	1,489
WHITEFISH:								
COMMON	1,022	893	528	212	740	1,704	1,030	2,734
MENOMINEE	46	54	37	21	58	103	55	158
WHITE PERCH	-	-	-	-	-	105	223	328
YELLOW PERCH	1,008	631	3	10	13	5,267	24,872	30,139
YELLOW PIKE	431	10	1	119	120	554	873	1,427
UNCLASSIFIED, FOR ANIMAL FOOD	183	-	-	8	8	-	978	978
TOTAL	5,108	45,810	6,574	3,365	9,939	67,324	47,219	114,543

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1968 - Continued

(THOUSANDS OF POUNDS)

SPECIES	LAKE ST. CLAIR, CANADA	LAKE OF THE WOODS			NAMAKAN LAKE			RAINY LAKE
		UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL	UNITED STATES
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BULLHEADS	3	1	32	33	-	-	-	-
BURBOT	-	140	219	359	2	(1)	2	7
CARP	290	-	-	-	-	-	-	-
CATFISH	109	-	-	-	-	-	-	-
LAKE HERRING	-	-	227	227	-	-	-	-
LAKE TROUT	-	-	4	4	-	-	-	-
PIKE OR PICKEREL	24	51	312	363	-	5	5	4
ROCK BASS	85	-	43	43	-	(1)	(1)	-
SAUGER	-	16	24	40	-	-	-	-
SHEEPSHEAD	19	-	-	-	-	-	-	-
STURGEON, COMMON	13	-	(1)	(1)	-	-	-	-
SUCKERS	122	105	325	430	3	25	28	15
SUNFISH	78	-	-	-	-	-	-	-
TULLIBEE	-	1,089	112	1,201	5	9	14	8
WHITE BASS	57	-	-	-	-	-	-	-
WHITEFISH, COMMON	-	(1)	80	80	17	18	35	47
YELLOW PERCH	59	36	28	64	-	-	-	(1)
YELLOW PIKE	226	106	628	734	-	13	13	7
UNCLASSIFIED, FOR ANIMAL FOOD	36	-	103	103	-	(1)	(1)	-
TOTAL	1,121	1,544	2,137	3,681	27	70	97	88

SPECIES	RAINY LAKE - CONTINUED		TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	-	-	-	-	-	27,194	-	27,194
BLUE PIKE	-	-	-	-	-	(1)	-	(1)
BOWFIN	-	-	-	-	-	2	25	27
BUFFALOFISH	-	-	-	-	-	42	-	42
BULLHEADS	-	-	1	35	36	108	198	306
BURBOT	55	62	149	274	423	219	276	495
CARP	-	-	-	290	290	6,100	878	6,978
CATFISH	-	-	-	109	109	873	243	1,116
CHUBS	-	-	-	-	-	11,126	449	11,575
CRAPPIE	-	-	-	-	-	9	-	9
EEL, COMMON	-	-	-	-	-	74	173	247
GIZZARD SHAD	-	-	-	-	-	30	-	30
GOLDFISH	-	-	-	-	-	107	-	107
LAKE HERRING	5	5	-	232	232	3,663	2,946	6,609
LAKE TROUT	-	-	-	4	4	279	202	481
MOONEYE OR GOLDEYE	-	-	-	-	-	(1)	-	(1)
PIKE OR PICKEREL	154	158	55	495	550	85	560	645
QUILLBACK	-	-	-	-	-	14	-	14
ROCK BASS	8	8	-	136	136	26	247	273
SALMON, SILVER OR COHO	-	-	-	-	-	1,999	-	1,999
SAUGER	(1)	(1)	16	24	40	16	42	58
SCULPIN	-	-	-	-	-	(1)	-	(1)
SHEEPSHEAD	-	-	-	19	19	3,154	797	3,951
SMELT	-	-	-	-	-	3,115	12,490	15,605
STURGEON, COMMON	2	2	-	15	15	3	41	44
SUCKERS	150	165	123	622	745	958	901	1,859
SUNFISH	-	-	-	78	78	10	293	303
TULLIBEE	64	72	1,102	185	1,287	1,102	185	1,287
WHITE BASS	-	-	-	57	57	729	817	1,546
WHITEFISH:								
COMMON	54	101	64	152	216	1,768	1,182	2,950
MENOMINEE	-	-	-	-	-	103	55	158
WHITE PERCH	-	-	-	-	-	105	223	328
YELLOW PERCH	2	2	36	89	125	5,303	24,961	30,264
YELLOW PIKE	80	87	113	947	1,060	667	1,820	2,487
UNCLASSIFIED, FOR ANIMAL FOOD	74	74	-	213	213	-	1,191	1,191
TOTAL	648	736	1,659	3,976	5,635	68,983	51,195	120,178

1/ LESS THAN 500 POUNDS.

NOTE:--IN CANADA THE CATCH OF CRAPPIES HAS BEEN INCLUDED WITH ROCK BASS.

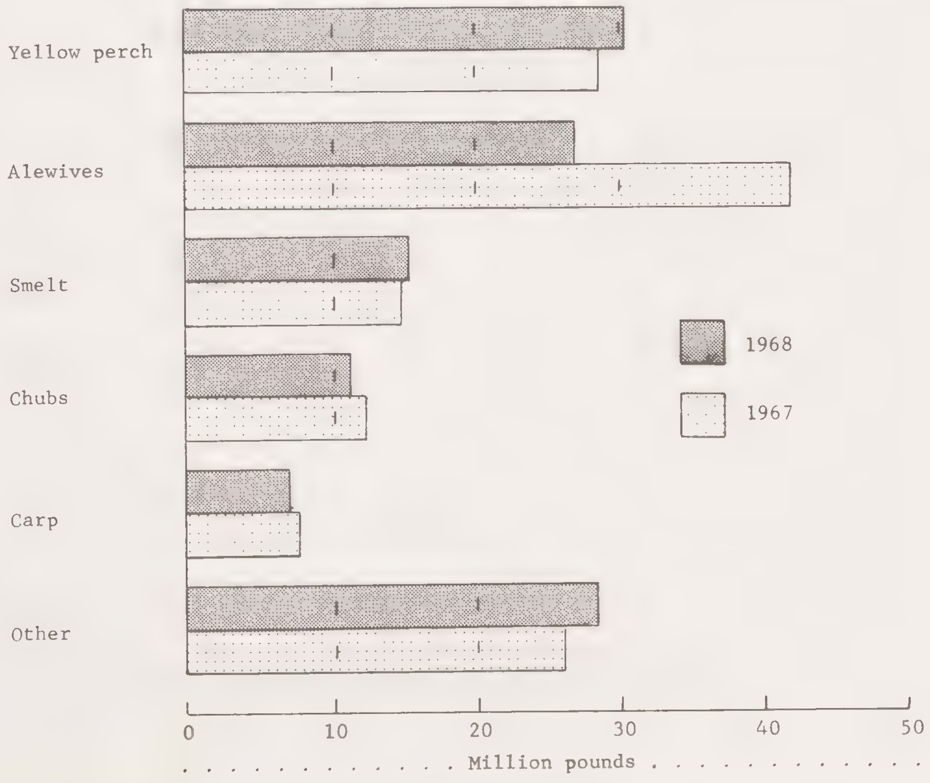
GREAT LAKES FISHERIES

SUMMARY OF U.S. CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	TOTAL	
	QUANTITY	VALUE
NEW YORK	604	149
PENNSYLVANIA	481	50
OHIO	10,400	941
MICHIGAN	23,953	2,832
INDIANA	202	39
ILLINOIS	482	99
WISCONSIN	29,471	1,536
MINNESOTA	3,390	217
TOTAL	68,983	5,863

UNITED STATES AND CANADIAN CATCH, 1968 AND 1967



GREAT LAKES FISHERIES

SECTIONAL SUMMARIES
SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY LAKES, 1968

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	INTER-NATIONAL LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
REGULAR	3	18	6	96	18	-	141
PART-TIME	-	32	15	144	71	-	260
CASUAL.	-	40	53	125	62	-	242
ON BOATS AND SHORE:							
REGULAR	-	6	3	3	24	3	39
PART-TIME	2	56	75	87	80	38	338
CASUAL.	55	245	100	279	126	16	821
TOTAL FISHERMEN . . .	60	397	252	734	381	57	1,841
VESSELS, MOTOR:							
REGULAR	1	6	2	31	6	-	47
PART-TIME	-	16	7	73	35	-	130
CASUAL.	-	20	26	62	31	-	121
TOTAL VESSELS	1	42	35	166	72	-	298
TOTAL GROSS TONNAGE .	10	539	576	3,882	1,380	-	5,986
BOATS:							
MOTOR:							
REGULAR	-	2	1	1	8	1	13
PART-TIME	1	28	38	42	40	19	168
CASUAL.	28	193	73	159	91	11	555
TOTAL MOTOR BOATS . .	29	223	112	202	139	31	736
OTHER:							
REGULAR	-	1	-	-	-	-	1
PART-TIME	1	8	7	4	-	-	19
CASUAL.	3	39	6	8	1	-	55
TOTAL OTHER BOATS . .	4	48	13	12	1	-	75
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS.	573	8,076	3,978	37,380	12,522	-	62,529
ON BOATS AND SHORE. . .	900	10,188	9,208	13,285	15,826	4,775	54,182
TOTAL FISHERMEN DAYS.	1,473	18,264	13,186	50,665	28,348	4,775	116,711
CRAFT:							
VESSELS	191	3,516	1,723	15,514	5,599	-	26,543
BOATS, MOTOR.	451	6,033	5,075	7,635	8,083	2,378	29,655
TOTAL CRAFT DAYS. . .	642	9,549	6,798	23,149	13,682	2,378	56,198
FISHING EFFORT:							
LIFTS:							
POUND NETS.	-	-	347	5,196	1,159	198	6,900
TRAP NETS	1,161	13,947	7,150	1,691	1,576	1,584	27,109
FYKE AND HOOP NETS. . .	678	449	174	5,944	93	508	7,846
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	14	2,325	159	144	2	-	2,644
GILL NETS:							
1-1/4 - 2 INCH MESH .	1	-	1	439	213	-	654
2-1/8 - 3-7/8 INCH MESH	29	6,395	2,995	37,651	12,800	-	59,870
4 - 7 INCH MESH . . .	184	742	2,811	11,607	6,127	1,951	23,422
7-1/8 - 14 INCH MESH.	-	3	1,251	239	74	-	1,567
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . .	-	1,386	686	11	-	-	2,083
HOURS TRAWLED	-	-	-	5,650	128	-	5,778
DAYS FISHED	-	-	-	53	-	-	53

NOTE:--THE NUMBER OF DAYS INDICATES THAT FISHING OCCURRED REGARDLESS OF THE AMOUNT OF TIME FISHED DURING A DAY. THE NUMBER OF FISHERMEN AND CRAFT OPERATING AS REGULAR, PART-TIME, AND CASUAL IS BASED ON DAYS OF OPERATION AS FOLLOWS: REGULAR--MORE THAN 161 DAYS, PART-TIME 54 TO 161 DAYS (INCLUSIVE), AND CASUAL--LESS THAN 54 DAYS.

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES, 1968

ITEM	NEW YORK	PENNSYLVANIA	OHIO	MICHIGAN	INDIANA	ILLINOIS	WISCONSIN	MINNESOTA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:									
ON VESSELS:									
REGULAR	3	3	12	54	3	3	63	-	141
PART-TIME	6	5	27	139	-	5	90	-	260
CASUAL.	2	4	22	136	2	2	70	10	242
ON BOATS AND SHORE:									
REGULAR	-	-	6	6	3	-	-	24	39
PART-TIME	2	6	48	151	7	2	50	72	338
CASUAL.	72	3	205	298	3	8	178	54	821
TOTAL FISHERMEN	85	21	320	784	18	20	451	160	1,841
VESSELS, MOTOR:									
REGULAR	1	1	4	18	1	1	21	-	47
PART-TIME	3	2	13	69	-	2	45	-	130
CASUAL.	1	2	11	68	1	1	35	5	121
TOTAL VESSELS .	5	5	28	155	2	4	101	5	298
TOTAL GROSS TONNAGE. . . .	59	61	375	3,212	40	126	2,158	117	5,986
BOATS:									
MOTOR:									
REGULAR	-	-	2	2	1	-	-	8	13
PART-TIME	1	3	24	76	3	1	24	36	168
CASUAL.	45	3	160	198	3	8	92	46	555
TOTAL MOTOR BOATS.	46	6	186	276	7	9	116	90	736
OTHER:									
REGULAR	-	-	1	-	-	-	-	-	1
PART-TIME	1	-	8	7	-	-	4	-	19
CASUAL.	3	-	35	11	-	-	8	-	55
TOTAL OTHER BOATS.	4	-	44	18	-	-	12	-	75
DAYS OPERATED:									
FISHERMEN:									
ON VESSELS. . . .	1,349	1,137	5,553	28,432	711	962	24,101	284	62,529
ON BOATS AND SHORE.	1,105	555	8,908	20,793	1,172	211	7,695	13,743	54,182
TOTAL FISHERMEN DAYS	2,454	1,692	14,461	49,225	1,883	1,173	31,796	14,027	116,711
CRAFT:									
VESSELS	579	440	2,383	12,440	252	374	9,933	142	26,543
BOATS, MOTOR. . .	656	298	5,249	11,680	470	130	4,740	6,432	29,655
TOTAL CRAFT DAYS	1,235	738	7,632	24,120	722	504	14,673	6,574	56,198
FISHING EFFORT:									
LIFTS:									
POUND NETS. . . .	-	-	-	3,359	-	-	3,167	374	6,900
TRAP NETS	1,161	-	11,843	12,520	-	-	1	1,584	27,109
FYKE AND HOOP NETS	678	-	449	267	-	-	5,944	508	7,846
LIFTS PER 1,000 LINEAR YARDS:									
HAUL SEINES . . .	14	-	2,200	286	-	-	144	-	2,644
GILL NETS:									
1-1/4 - 2 INCH MESH	1	-	-	230	-	-	419	4	654
2-1/8 - 3-7/8 INCH MESH. . .	847	1,731	3,845	25,619	1,277	1,375	23,282	1,894	59,870
4 - 7 INCH MESH	903	15	-	18,131	122	-	1,755	2,496	23,422
7-1/8 - 14 INCH MESH	-	-	-	1,337	3	-	227	-	1,567
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET.	-	-	1,382	699	2	-	-	-	2,083
HOURS TRAWLED . . .	-	-	-	1,482	-	-	4,168	128	5,778
DAYS FISHED	-	-	-	53	-	-	-	-	53

SEE NOTE ON PAGE 324.

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1968

ITEM	NEW YORK		PENNSYLVANIA	OHIO	MICHIGAN		
	LAKE ONTARIO	LAKE ERIE	LAKE ERIE	LAKE ERIE	LAKE ERIE	LAKE HURON	LAKE MICHIGAN
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
REGULAR	3	-	3	12	-	6	33
PART-TIME	-	6	5	27	-	15	28
CASUAL.	-	2	4	22	12	53	81
ON BOATS AND SHORE:							
REGULAR	-	-	-	6	-	3	-
PART-TIME	2	-	6	48	2	75	86
CASUAL.	55	17	3	205	20	100	118
TOTAL FISHERMEN . . .	60	25	21	320	34	252	346
VESSELS, MOTOR:							
REGULAR	1	-	1	4	-	2	11
PART-TIME	-	3	2	13	-	7	39
CASUAL.	-	1	2	11	6	26	40
TOTAL VESSELS	1	4	5	28	6	35	90
TOTAL GROSS TONNAGE .	10	49	61	375	67	576	2,106
BOATS:							
MOTOR:							
REGULAR	-	-	-	2	-	1	-
PART-TIME	1	-	3	24	1	38	18
CASUAL.	28	17	3	160	13	73	67
TOTAL MOTOR BOATS . .	29	17	6	186	14	112	85
OTHER:							
REGULAR	-	-	-	1	-	-	-
PART-TIME	1	-	-	8	-	7	-
CASUAL.	3	-	-	35	4	6	-
TOTAL OTHER BOATS . .	4	-	-	44	4	13	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS.	573	776	1,137	5,553	610	3,978	15,662
ON BOATS AND SHORE. . .	900	205	555	8,908	520	9,208	5,500
TOTAL FISHERMEN DAYS.	1,473	981	1,692	14,461	1,130	13,186	21,162
CRAFT:							
VESSELS	191	388	440	2,383	305	1,723	6,805
BOATS, MOTOR.	451	205	298	5,249	281	5,075	3,084
TOTAL CRAFT DAYS. . .	642	593	738	7,632	586	6,798	9,889
FISHING EFFORT:							
LIFTS:							
POUND NETS.	-	-	-	-	-	347	2,736
TRAP NETS	1,161	-	-	11,843	2,104	7,150	1,690
FYKE AND HOOP NETS. . .	678	-	-	449	-	174	-
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	14	-	-	2,200	125	159	-
GILL NETS:							
1-1/4 - 2 INCH MESH .	1	-	-	-	-	1	179
2-1/8 - 3-7/8 INCH MESH	29	818	1,731	3,845	1	2,995	14,396
4 - 7 INCH MESH . . .	184	719	15	-	8	2,811	10,650
7-1/8 - 14 INCH MESH.	-	-	-	-	3	1,251	17
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . .	-	-	-	1,382	4	686	9
HOURS TRAWLED	-	-	-	-	-	-	1,482
DAYS FISHED	-	-	-	-	-	-	53

SEE NOTE ON PAGE 324.

(CONTINUED ON NEXT PAGE)

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1968 - Continued

ITEM	MICHIGAN - CONTINUED	INDIANA	ILLINOIS	WISCONSIN		MINNESOTA	
	LAKE SUPERIOR	LAKE MICHIGAN	LAKE MICHIGAN	LAKE MICHIGAN	LAKE SUPERIOR	LAKE SUPERIOR	INTER-NATIONAL LAKES
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
REGULAR	12	3	3	57	6	-	-
PART-TIME	45	-	5	64	26	-	-
CASUAL.	28	2	2	46	24	10	-
ON BOATS AND SHORE:							
REGULAR	3	3	-	-	-	21	3
PART-TIME	38	7	2	42	8	34	38
CASUAL.	60	3	8	150	28	38	16
TOTAL FISHERMEN . . .	186	18	20	359	92	103	57
VESSELS, MOTOR:							
REGULAR	4	1	1	19	2	-	-
PART-TIME	22	-	2	32	13	-	-
CASUAL.	14	1	1	23	12	5	-
TOTAL VESSELS	40	2	4	74	27	5	-
TOTAL GROSS TONNAGE .	783	40	126	1,678	480	117	-
BOATS:							
MOTOR:							
REGULAR	1	1	-	-	-	7	1
PART-TIME	19	3	1	20	4	17	19
CASUAL.	45	3	8	81	11	35	11
TOTAL MOTOR BOATS . .	65	7	9	101	15	59	31
OTHER:							
PART-TIME	-	-	-	4	-	-	-
CASUAL.	1	-	-	8	-	-	-
TOTAL OTHER BOATS . .	1	-	-	12	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS.	8,182	711	902	20,045	4,056	284	-
ON BOATS AND SHORE. . .	5,565	1,172	211	6,402	1,293	8,968	4,775
TOTAL FISHERMEN DAYS.	13,747	1,883	1,113	26,447	5,349	9,252	4,775
CRAFT:							
VESSELS	3,607	252	374	8,083	1,850	142	-
BOATS, MOTOR.	3,240	470	130	3,951	789	4,054	2,378
TOTAL CRAFT DAYS. . .	6,847	722	504	12,034	2,639	4,196	2,378
FISHING EFFORT:							
LIFTS:							
POUND NETS.	276	-	-	2,460	707	176	198
TRAP NETS	1,576	-	-	1	-	-	1,584
FYKE AND HOOP NETS. . .	93	-	-	5,944	-	-	508
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	2	-	-	144	-	-	-
GILL NETS:							
1-1/4 - 2 INCH MESH .	50	-	-	260	159	4	-
2-1/8 - 3-7/8 INCH MESH	8,227	1,277	1,375	20,603	2,679	1,894	-
4 - 7 INCH MESH . . .	4,662	122	-	835	920	545	1,951
7-1/4 - 14 INCH MESH.	66	3	-	219	8	-	-
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . .	-	2	-	-	-	-	-
HOURS TRAWLED	-	-	-	4,168	-	128	-

SEE NOTE ON PAGE 324.

CATCH BY STATES, 1968

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	100	$37	(1)	$7	-	-
BOWFIN	1,000	41	-	-	-	-
BUFFALOFISH	-	-	-	-	34,300	$4,116
BULLHEADS	50,100	5,964	(1)	3	25,200	3,143
BURBOT	-	-	-	-	600	29
CARP	48,900	1,470	(1)	3	2,335,200	70,055
CATFISH	3,700	1,051	(1)	3	746,200	208,954
CHUBS	100	16	-	-	-	-
CRAPPIE	3,500	423	-	-	-	-
EEL, COMMON	74,400	18,596	-	-	-	-
GIZZARD SHAD	100	3	-	-	27,800	557
GOLDFISH	-	-	-	-	106,800	3,203
LAKE HERRING	2,300	922	(1)	1	100	10
MOONEYE OR GOLDEYE	-	-	-	-	(1)	2
ROCK BASS	25,000	1,754	-	-	-	-
SALMON, SILVER OR COHO	-	-	-	-	(1)	1
SAUGER	-	-	-	-	100	4
SHEEPSHEAD	6,000	121	900	53	3,055,000	61,099
SMELT	100	6	1,000	96	100	6
STURGEON, COMMON	200	192	-	-	200	257
SUCKERS	13,700	409	600	27	120,600	3,017
SUNFISH	9,800	984	-	-	-	-
WHITE BASS	4,500	935	300	42	673,600	141,455
WHITEFISH, COMMON	400	254	400	269	1,100	636
WHITE PERCH	104,400	36,529	-	-	-	-
YELLOW PERCH	134,700	18,859	471,300	48,533	2,969,100	296,904
YELLOW PIKE	120,700	60,316	6,500	1,617	303,800	147,379
TOTAL	603,700	148,892	481,000	50,654	10,399,800	940,827

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	9,037,700	$106,114	100	$1	300	$3
BOWFIN	600	25	-	-	-	-
BUFFALOFISH	7,400	1,079	-	-	-	-
BULLHEADS	10,400	1,405	-	-	-	-
BURBOT	40,100	1,302	-	-	-	-
CARP	1,372,300	69,194	15,000	337	-	-
CATFISH	123,400	33,672	-	-	-	-
CHUBS	3,718,500	583,826	32,000	5,039	410,400	84,532
CRAPPIE	4,900	1,577	-	-	-	-
GIZZARD SHAD	2,000	32	-	-	-	-
LAKE HERRING	2,370,400	303,366	200	58	700	106
LAKE TROUT	226,400	136,416	200	58	100	27
PIKE OR PICKEREL	400	80	(1)	2	-	-
QUILLBACK	13,500	611	-	-	-	-
ROCK BASS	1,300	233	-	-	(1)	(1)
SALMON, SILVER OR COHO	1,970,400	307,397	28,500	12,360	-	-
SAUGER	300	19	-	-	-	-
SHEEPSHEAD	92,300	3,497	-	-	-	-
SMELT	1,699,800	49,460	-	-	200	18
STURGEON, COMMON	2,400	2,434	-	-	-	-
SUCKERS	226,700	12,612	12,900	687	-	-
WHITE BASS	50,700	15,157	-	-	-	-
WHITEFISH:						
COMMON	1,548,200	954,615	700	349	-	-
MENOMINEE	75,700	14,249	-	-	-	-
YELLOW PERCH	1,238,400	173,863	112,200	20,048	70,300	14,088
YELLOW PIKE	118,900	59,442	-	-	-	-
TOTAL	23,953,100	2,831,677	201,800	38,939	482,000	98,774

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY STATES, 1968 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	18,156,300	$173,878	-	-	27,194,400	$279,996
BLUE PIKE	-	-	-	-	100	44
BOWFIN	-	-	-	-	1,600	66
BUFFALOFISH	-	-	-	-	41,700	5,195
BULLHEADS	21,100	1,624	700	$13	107,500	12,152
BURBOT	28,700	2,518	149,300	5,168	218,700	9,017
CARP	2,328,600	66,375	-	-	6,100,000	207,434
CATFISH	-	-	-	-	873,300	243,680
CHUBS	6,786,400	1,028,450	178,900	19,700	11,126,300	1,721,563
CRAPPIE	-	-	-	-	8,400	2,000
EEL, COMMON	-	-	-	-	74,400	18,596
GIZZARD SHAD	-	-	-	-	29,900	592
GOLDFISH	-	-	-	-	106,800	3,203
LAKE HERRING	638,000	53,752	651,500	65,200	3,663,200	423,415
LAKE TROUT	43,900	25,918	8,600	5,600	279,200	168,019
MOONEYE OR GOLDEYE	-	-	-	-	(1)	2
PIKE OR PICKEREL	29,500	4,047	55,600	2,870	85,500	6,999
QUILLBACK	-	-	-	-	13,500	611
ROCK BASS	-	-	-	-	26,300	1,987
SALMON, SILVER OR COHO	(1)	2	-	-	1,998,900	319,760
SAUGER	-	-	15,800	1,100	16,200	1,123
SCULPIN	100	5	-	-	100	5
SHEEPSHEAD	(1)	1	-	-	3,154,200	64,771
SMELT	550,700	27,173	863,200	21,600	3,115,100	98,359
STURGEON, COMMON	-	-	-	-	2,800	2,883
SUCKERS	449,200	8,562	134,900	2,863	958,600	28,177
SUNFISH	-	-	-	-	9,800	984
TULLIBEE	-	-	1,102,000	38,495	1,102,000	38,495
WHITE BASS	-	-	-	-	729,100	157,589
WHITEFISH:						
COMMON	137,900	89,724	79,800	23,808	1,768,500	1,069,665
MENOMINEE	25,300	3,510	1,700	170	102,700	17,929
WHITE PERCH	-	-	-	-	104,400	36,529
YELLOW PERCH	271,200	48,978	35,500	1,804	5,302,700	623,077
YELLOW PIKE	4,600	1,651	112,600	28,550	667,100	298,955
TOTAL	29,471,500	1,536,168	3,390,100	216,941	68,983,000	5,862,872

1/ LESS THAN 50 POUNDS OR 50 CENTS.

CATCH BY LAKES AND STATES, 1968

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	100	$37	(1)	$7
BOWFIN	1,000	$41	-	-	-	-
BULLHEADS	50,100	5,964	(1)	(1)	(1)	3
CARP	48,600	1,460	300	10	(1)	3
CATFISH	3,200	904	500	147	(1)	3
CHUBS	100	16	-	-	-	-
CRAPPIE	3,500	423	-	-	-	-
EEL, COMMON	74,400	18,595	(1)	1	-	-
GIZZARD SHAD	-	-	100	3	-	-
LAKE HERRING	2,300	922	-	-	(1)	1
ROCK BASS	25,000	1,752	(1)	2	-	-
SHEEPSHEAD	200	4	5,800	117	900	53
SMELT	-	-	100	6	1,000	96
STURGEON, COMMON	100	96	100	96	-	-
SUCKERS	3,400	102	10,300	307	600	27
SUNFISH	9,800	984	-	-	-	-
WHITE BASS	400	79	4,100	856	300	42
WHITEFISH, COMMON	400	262	(1)	2	400	269
WHITE PERCH	104,400	36,524	(1)	5	-	-
YELLOW PERCH	14,300	1,997	120,400	16,862	471,300	48,533
YELLOW PIKE	1,100	546	119,600	59,770	6,500	1,617
TOTAL	342,300	70,671	261,400	78,221	481,000	50,654

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKES AND STATES, 1968 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	-	-	100	$44
BUFFALOFISH	34,300	$4,116	7,400	$1,079	41,700	5,195
BULLHEADS	25,200	3,143	500	92	25,700	3,238
BURBOT	600	29	-	-	600	29
CARP	2,335,200	70,055	347,600	11,708	2,683,100	81,776
CATFISH	746,200	208,954	22,300	6,712	769,000	215,816
EEL, COMMON	-	-	-	-	(1)	1
GIZZARD SHAD	27,800	557	-	-	27,900	560
GOLDFISH	106,800	3,203	-	-	106,800	3,203
LAKE HERRING	100	10	-	-	100	11
MOONEYE OR GOLDEYE	(1)	2	-	-	(1)	2
ROCK BASS	-	-	200	38	200	40
SALMON, SILVER OR COHO	(1)	1	-	-	(1)	1
SAUGER	100	4	-	-	100	4
SHEEPSHEAD	3,055,000	61,099	82,800	3,051	3,144,500	64,320
SMELT	100	6	-	-	1,200	108
STURGEON, COMMON	200	257	-	-	300	353
SUCKERS	120,600	3,017	9,800	291	141,300	3,642
WHITE BASS	673,600	141,455	50,400	15,084	728,400	157,437
WHITEFISH, COMMON	1,100	636	100	47	1,600	954
WHITE PERCH	-	-	-	-	(1)	5
YELLOW PERCH	2,969,100	296,904	172,900	16,717	3,733,700	379,016
YELLOW PIKE	303,800	147,379	84,500	41,061	514,400	249,827
TOTAL	10,399,800	940,827	778,500	95,880	11,920,700	1,165,582

SPECIES	LAKE HURON		LAKE MICHIGAN			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	9,037,700	$106,114	100	$1
BOWFIN	600	$25	-	-	-	-
BULLHEADS	9,900	1,313	(1)	(1)	-	-
BURBOT	(1)	1	33,300	928	-	-
CARP	1,015,700	57,283	9,000	203	15,000	337
CATFISH	101,100	26,957	(1)	3	-	-
CHUBS	103,600	15,713	3,517,800	553,039	32,000	5,039
CRAPPIE	4,900	1,577	-	-	-	-
GIZZARD SHAD	1,100	15	900	17	-	-
LAKE HERRING	18,600	3,104	31,900	4,377	200	58
LAKE TROUT	200	97	67,900	38,961	200	58
PIKE OR PICKEREL	-	-	400	80	(1)	2
QUILLBACK	13,500	611	-	-	-	-
ROCK BASS	1,000	178	100	17	-	-
SALMON, SILVER OR COHO	-	-	1,970,400	307,395	28,500	12,360
SAUGER	100	3	100	7	-	-
SHEEPSHEAD	9,500	446	(1)	(1)	-	-
SMELT	28,300	1,787	1,659,300	45,440	-	-
STURGEON, COMMON	300	291	2,100	2,116	-	-
SUCKERS	161,800	9,481	21,100	968	12,900	687
WHITE BASS	300	73	-	-	-	-
WHITEFISH:						
COMMON	281,200	172,762	826,300	499,992	700	349
MENOMINEE	12,400	2,925	50,700	9,459	-	-
YELLOW PERCH	885,300	129,292	177,900	27,369	112,200	20,048
YELLOW PIKE	28,400	14,970	5,400	3,217	-	-
TOTAL	2,677,800	438,904	17,412,300	1,599,702	201,800	38,939

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	300	$3	18,156,300	$173,878	27,194,400	$279,996
BULLHEADS	-	-	21,100	1,624	21,100	1,624
BURBOT	-	-	26,400	2,478	59,700	3,406
CARP	-	-	2,328,500	66,371	2,352,500	66,911
CATFISH	-	-	-	-	(1)	3
CHUBS	410,400	84,532	6,222,600	975,439	10,182,800	1,618,049
GIZZARD SHAD	-	-	-	-	900	17
LAKE HERRING	700	106	20,200	4,928	53,000	9,469
LAKE TROUT	100	27	4,800	2,580	73,000	41,626
PIKE OR PICKEREL	-	-	29,500	4,047	29,900	4,129
ROCK BASS	(1)	(1)	-	-	100	17
SALMON, SILVER OR COHO	-	-	-	-	1,998,900	319,755

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

CATCH BY LAKES AND STATES, 1968 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SAUGER	-	-	-	-	100	$7
SCULPIN	-	-	100	$5	100	5
SHEEPSHEAD	-	-	(1)	1	(1)	1
SMELT	200	$18	129,500	10,724	1,789,000	56,182
STURGEON, COMMON	-	-	-	-	2,100	2,116
SUCKERS	-	-	430,900	8,236	464,900	9,891
WHITEFISH:						
COMMON	-	-	65,800	47,451	892,800	547,792
MENOMINEE	-	-	2,700	941	53,400	10,400
YELLOW PERCH	70,300	14,088	271,200	48,978	631,600	110,483
YELLOW PIKE	-	-	4,600	1,651	10,000	4,868
TOTAL	482,000	98,774	27,714,200	1,349,332	45,810,300	3,086,747

SPECIES	LAKE SUPERIOR					
	MICHIGAN		WISCONSIN		MINNESOTA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	(1)	(1)	(1)	-	-
BURBOT	6,800	$373	2,300	$40	700	$13
CARP	(1)	(1)	100	4	-	-
CHUBS	97,100	15,074	563,800	53,011	178,900	19,700
LAKE HERRING	2,319,900	295,885	617,800	48,824	651,500	65,200
LAKE TROUT	158,300	97,358	39,100	23,338	8,600	5,600
SALMON, SILVER OR COHO	(1)	2	(1)	2	-	-
SAUGER	100	9	-	-	-	-
SMELT	12,200	2,233	421,200	16,449	863,200	21,600
STURGEON, COMMON	(1)	27	-	-	-	-
SUCKERS	34,000	1,872	18,300	326	11,500	207
WHITEFISH:						
COMMON	440,600	281,814	72,100	42,273	15,400	7,700
MENOMINEE	12,600	1,865	22,600	2,569	1,700	170
YELLOW PERCH	2,300	485	-	-	-	-
YELLOW PIKE	600	194	-	-	-	-
TOTAL	3,084,500	697,191	1,757,300	186,836	1,731,500	120,190

SPECIES	LAKE SUPERIOR - CONTINUED		LAKE OF THE WOODS		NAMAKAN LAKE	
	TOTAL		MINNESOTA		MINNESOTA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	(1)	-	-	-	-
BULLHEADS	-	-	700	$13	-	-
BURBOT	9,800	$426	140,300	4,900	1,800	$55
CARP	100	4	-	-	-	-
CHUBS	839,800	87,785	-	-	-	-
LAKE HERRING	3,589,200	409,909	-	-	-	-
LAKE TROUT	206,000	126,296	-	-	-	-
PIKE OR PICKEREL	-	-	51,200	2,600	-	-
SALMON, SILVER OR COHO	(1)	4	-	-	-	-
SAUGER	100	9	15,800	1,100	-	-
SMELT	1,296,600	40,282	-	-	-	-
STURGEON, COMMON	(1)	27	-	-	-	-
SUCKERS	63,800	2,405	105,000	2,101	3,400	102
TULLIBEE	-	-	1,088,700	38,100	5,200	155
WHITEFISH:						
COMMON	528,100	331,787	(1)	5	17,200	4,303
MENOMINEE	36,900	4,604	-	-	-	-
YELLOW PERCH	2,300	485	35,400	1,800	-	-
YELLOW PIKE	600	194	105,400	26,400	-	-
TOTAL	6,573,300	1,004,217	1,542,500	77,019	27,600	4,615

SPECIES	RAINY LAKE		TOTAL, ALL LAKES	
	MINNESOTA			
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	27,194,400	$279,996
BLUE PIKE	-	-	100	44
BOWFIN	-	-	1,600	66
BUFFALOFISH	-	-	41,700	5,195
BULLHEADS	-	-	107,500	12,152
BURBOT	6,500	$200	218,700	9,017
CARP	-	-	6,100,000	207,434

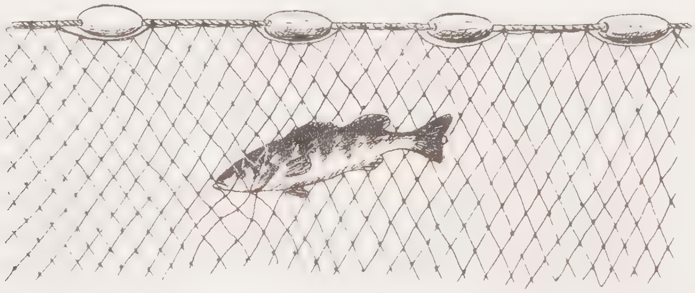
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKES AND STATES, 1968 - Continued

SPECIES	RAINY LAKE		TOTAL, ALL LAKES	
	MINNESOTA			
	POUNDS	VALUE	POUNDS	VALUE
CATFISH	-	-	873,300	$243,680
CHUBS	-	-	11,126,300	1,721,563
CRAPPIE	-	-	8,400	2,000
EEL, COMMON	-	-	74,400	18,594
GIZZARD SHAD	-	-	29,900	592
GOLDFISH	-	-	100,000	3,203
LAKE HERRING	-	-	1,663,200	423,415
LAKE TROUT	-	-	279,200	168,019
MOONEYE OR GOLDEYE	-	-	1/	2
PIKE OR PICKEREL	4,400	$270	85,500	6,999
QUILLBACK	-	-	13,500	611
ROCK BASS	-	-	26,300	1,987
SALMON, SILVER OR COHO	-	-	1,998,900	319,760
SAUGER	-	-	16,200	1,123
SCULPIN	-	-	100	5
SHEEPSHEAD	-	-	3,154,200	64,771
SMELT	-	-	3,115,100	98,359
STURGEON, COMMON	-	-	2,800	2,883
SUCKERS	15,000	450	958,600	28,177
SUNFISH	-	-	9,800	984
TULLIBEE	8,100	240	1,102,000	38,495
WHITE BASS	-	-	729,100	157,589
WHITEFISH:				
COMMON	47,200	11,800	1,768,500	1,069,665
MENOMINEE	-	-	102,700	17,929
WHITE PERCH	-	-	104,400	36,529
YELLOW PERCH	100	4	5,302,700	623,077
YELLOW PIKE	7,200	2,150	667,100	298,955
TOTAL	88,500	15,117	68,983,000	5,862,872

1/ LESS THAN 50 POUNDS OR 50 CENTS.



GILL NET

GREAT LAKES FISHERIES

PROCESSED FISHERY PRODUCTS, 1968

ITEM		NEW YORK		PENNSYLVANIA		[illegible]	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHUBS, SMOKED.	POUNDS	-	-	-	-	(1)	(1)
COD FILLETS, BREADED RAW AND COOKED FROZEN.	DO	(1)	(1)	-	-	632,722	$289,842
FLOUNDER FILLETS, BREADED RAW, FROZEN.	DO	-	-	-	-	(1)	(1)
HADDOCK FILLETS, BREADED AND COOKED, FROZEN	DO	(1)	(1)	-	-	(1)	(1)
HALIBUT STEAKS, FRESH AND FROZEN	DO	(1)	(1)	-	-	(1)	(1)
HERRING:							
LAKE:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES). . .	DO	-	-	-	-	(1)	(1)
SALTED	DO	-	-	-	-	(1)	(1)
SEA, SALTED.	DO	-	-	-	-	(1)	(1)
LAKE TROUT FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-	(1)	(1)
MULLET FILLETS, FRESH. . . .	DO	-	-	-	-	(1)	(1)
OCEAN PERCH FILLETS, BREADED RAW AND COOKED, FROZEN . .	DO	-	-	-	-	1,478,480	645,865
SABLEFISH, SMOKED.	DO	-	-	-	-	(1)	(1)
SALMON:							
FILLETS AND STEAKS, FRESH OR FROZEN.	DO	(1)	(1)	-	-	(1)	(1)
SALTED	DO	-	-	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)	(1)	(1)
SAUGER:							
FILLETS:							
FRESH.	DO	(1)	(1)	-	-	(1)	(1)
BREADED RAW, FROZEN. . .	DO	-	-	-	-	(1)	(1)
SHEEPSHEAD FILLETS, FRESH. .	DO	-	-	-	-	(1)	(1)
SNAPPER, RED, FILLETS, FRESH AND FROZEN	DO	-	-	-	-	(1)	(1)
STRIPED BASS FILLETS, FRESH.	DO	-	-	-	-	(1)	(1)
WHITEFISH:							
FILLETS, FRESH AND FROZEN.	DO	53,600	$56,400	(1)	(1)	60,000	51,750
SMOKED	DO	(1)	(1)	(1)	(1)	(1)	(1)
YELLOW PERCH:							
FILLETS:							
FRESH AND FROZEN	DO	(1)	(1)	340,000	$253,250	1,070,780	644,220
BREADED RAW, FROZEN. . .	DO	-	-	-	-	922,440	596,669
YELLOW PIKE:							
FILLETS:							
FRESH AND FROZEN	DO	(1)	(1)	136,000	157,100	111,200	104,135
BREADED RAW, FROZEN. . .	DO	-	-	-	-	(1)	(1)
SHRIMP:							
FRESH AND FROZEN:							
COOKED AND PEELED (INCLUDING DEVEINED) .	DO	(1)	(1)	-	-	(1)	(1)
BREADED RAW AND COOKED .	DO	-	-	-	-	(1)	(1)
SPECIALTIES (BASKETS AND PORTIONS)	DO	(1)	(1)	-	-	(1)	(1)
OYSTERS, BREADED RAW, FROZEN	DO	-	-	-	-	(1)	(1)
SCALLOPS, SEA, BREADED RAW, FROZEN	DO	-	-	-	-	(1)	(1)
UNCLASSIFIED:							
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH.	DO	464,550	762,862	41,000	39,200	35,389,317	13,226,763
CURED.	DO	(2)	(2)	(2)	(2)	(2)	(2)
TOTAL	-	-	819,262	-	449,550	-	15,559,244

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MICHIGAN		ILLINOIS		WISCONSIN AND MINNESOTA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	POUNDS	-	-	-	-	(1)	(1)
CANNED ANIMAL FOOD	STANDARD CASES	-	-	(1)	(1)	-	-
MEAL AND SCRAP	TONS	-	-	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	-	-	(1)	(1)
ANCHOVY PASTE, CANNED	STANDARD CASES	(1)	(1)	-	-	-	-
BROWN TROUT, SMOKED	POUNDS	(1)	(1)	-	-	-	-
BUFFALOFISH STEAKS, FRESH	DO	-	-	-	-	(1)	(1)
CARP:							
FILLETS, FRESH AND FROZEN	DO	-	-	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-	-	-
CATFISH STEAKS, FRESH	DO	(1)	(1)	-	-	-	-
CHUBS:							
SALTED	DO	-	-	-	-	(1)	(1)
SMOKED	DO	251,800	$164,376	1,788,114	$1,026,660	1,161,700	$497,446
COD:							
FILLETS, BREADED RAW AND COOKED FROZEN	DO	-	-	-	-	(1)	(1)
SALTED	DO	-	-	(1)	(1)	-	-
EELS, SMOKED	DO	(1)	(1)	(1)	(1)	-	-
HADDOCK FILLETS, BREADED AND COOKED, FROZEN	DO	-	-	-	-	(1)	(1)
HALIBUT STEAKS, FRESH AND FROZEN	DO	-	-	-	-	(1)	(1)
HERRING:							
LAKE:							
FILLETS, FRESH AND FROZEN	DO	27,600	14,274	-	-	(1)	(1)
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	(1)	(1)	-	-	-	-
SALTED	DO	(1)	(1)	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-	87,300	28,770
SEA:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	(1)	(1)	(1)	(1)	-	-
SALTED	DO	-	-	(1)	(1)	-	-
LAKE TROUT:							
FILLETS, FRESH AND FROZEN	DO	148,300	152,959	(1)	(1)	14,100	15,722
SMOKED	DO	(1)	(1)	36,648	40,690	12,500	11,849
OCEAN PERCH FILLETS, BREADED RAW AND COOKED FROZEN	DO	-	-	(1)	(1)	(1)	(1)
PIKE OR PICKEREL FILLETS, FRESH OR FROZEN	DO	-	-	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	(1)	(1)	348,606	266,654	(1)	(1)
SALMON:							
FILLETS AND STEAKS, FRESH OR FROZEN	DO	(1)	(1)	-	-	(1)	(1)
CANNED (PASTE)	STANDARD CASES	(1)	(1)	-	-	-	-
SMOKED	POUNDS	(1)	(1)	(1)	(1)	30,100	25,514
SAUGER:							
FILLETS, FRESH	DO	(1)	(1)	(1)	(1)	(1)	(1)
SMOKED	DO	-	-	-	-	(1)	(1)
SMELT:							
BREADED AND COOKED, FROZEN	DO	-	-	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-	-	-
SNAPPER, RED, FILLETS, FRESH AND FROZEN	DO	(1)	(1)	(1)	(1)	-	-
STURGEON, SMOKED	DO	-	-	40,973	43,230	-	-
SWORDFISH STEAKS, FROZEN	DO	-	-	-	-	(1)	(1)
WHITE BASS FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-	-	-
WHITEFISH:							
FILLETS, FRESH AND FROZEN	DO	331,800	332,342	(1)	(1)	73,900	70,791
CANNED (CAVIAR)	STANDARD CASES	-	-	-	-	(1)	(1)
SMOKED	POUNDS	17,100	14,080	(1)	(1)	57,200	35,122

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

PROCESSED FISHERY PRODUCTS, 1968 - Continued

ITEM		MICHIGAN		ILLINOIS		WISCONSIN AND MINNESOTA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
YELLOW PERCH:							
FILLETS:							
FRESH AND FROZEN	POUNDS	691,500	$516,102	(1)	(1)	839,500	$513,050
BREADED RAW, FROZEN. . .	DO	(1)	(1)	(1)	(1)	253,300	138,270
SMOKED	DO	-	-	-	-	(1)	(1)
YELLOW PIKE:							
DRESSED, FROZEN.	DO	-	-	-	-	(1)	(1)
FILLETS:							
FRESH AND FROZEN	DO	248,600	228,809	(1)	(1)	22,000	27,650
BREADED RAW, FROZEN. . .	DO	-	-	-	-	(1)	(1)
LOBSTER CANNED (PASTE) . . .	STANDARD CASES	(1)	(1)	-	-	-	-
SHRIMP:							
FRESH AND FROZEN, BREADED RAW AND COOKED	POUNDS	-	-	-	-	(1)	(1)
OYSTERS, BREADED RAW, FROZEN	DO	-	-	(1)	(1)	-	-
SCALLOPS, SEA, BREADED RAW, FROZEN	DO	-	-	(1)	(1)	-	-
UNCLASSIFIED:							
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	DO	[illegible]	[illegible]	4,474,132	$705,821	982,992	634,805
CANNED	STANDARD CASES	[illegible]	(2)	(2)	(2)	(2)	(2)
CURED.	POUNDS	[illegible]	611,510	5,602,866	3,079,874	1,868,900	809,599
INDUSTRIAL	-	-	-	-	-	-	(2)
TOTAL	-	-	[illegible]	-	[illegible]	-	2,808,588

1/ INCLUDED WITH UNCLASSIFIED.
2/ INCLUDED WITH UNCLASSIFIED PACKAGED.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

GREAT LAKES FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	4,719
FROZEN	14,861
CANNED AND INDUSTRIAL	641
CURED	6,923
TOTAL	27,144

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
NEW YORK	819
PENNSYLVANIA	450
OHIO	15,559
MICHIGAN	2,344
ILLINOIS	5,163
WISCONSIN AND MINNESOTA	2,809
TOTAL	27,144

WHOLESALING AND PROCESSING, 1968

ITEM	NEW YORK	PENNSYLVANIA	OHIO	INDIANA	ILLINOIS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	23	6	[illegible]	5	[illegible]
PERSONS ENGAGED:					
AVERAGE FOR SEASON	[illegible]	21	[illegible]	21	[illegible]
AVERAGE FOR YEAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ITEM	MICHIGAN	MINNESOTA	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:				
ESTABLISHMENTS	[illegible]	[illegible]	40	220
PERSONS ENGAGED:				
AVERAGE FOR SEASON	418	[illegible]	302	2,316
AVERAGE FOR YEAR	[illegible]	[illegible]	[illegible]	[illegible]

GREAT LAKES FISHERIES

LAKE ONTARIO - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS		
				1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
REGULAR	-	-	-	-	-	3
CASUAL	-	-	-	-	3	-
ON BOATS AND SHORE, CASUAL	8	38	18	1	2	-
TOTAL FISHERMEN	8	38	18	1	5	3
VESSELS, MOTOR:						
REGULAR	-	-	-	-	-	1
CASUAL	-	-	-	-	1	-
TOTAL VESSELS	-	-	-	-	1	1
TOTAL GROSS TONNAGE	-	-	-	-	10	10
BOATS:						
MOTOR, CASUAL	4	[illegible]	9	1	1	-
OTHER, CASUAL	4	-	-	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS	-	-	-	-	72	501
ON BOATS AND SHORE	72	[illegible]	316	2	14	-
TOTAL FISHERMEN DAYS	72	[illegible]	316	2	86	501
CRAFT:						
VESSELS	-	-	-	-	24	167
BOATS, MOTOR	26	258	158	2	7	-
TOTAL CRAFT DAYS	26	258	158	2	31	167
FISHING EFFORT:						
LIFTS	-	1,161	678	-	-	-
LIFTS PER 1,000 LINEAR YARDS	14	-	-	1	29	184

SEE NOTE ON PAGE 324.

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS			LINES, LONG OR SET WITH HOOKS
				2-1/8 - 3-7/8 INCH MESH	4 - [illegible] INCH MESH	[illegible]-1/[illegible] - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
REGULAR	-	-	-	18	-	-	-
PART-TIME	-	18	-	12	4	-	-
CASUAL	2	32	-	10	8	2	-
ON BOATS AND SHORE:							
REGULAR	3	-	-	-	-	-	3
PART-TIME	16	8	-	8	-	-	24
CASUAL	76	26	6	17	19	-	116
TOTAL FISHERMEN	97	84	6	65	31	2	143
VESSELS, MOTOR:							
REGULAR	-	-	-	6	-	-	-
PART-TIME	-	9	-	6	2	-	-
CASUAL	1	16	-	5	4	1	-
TOTAL VESSELS	1	25	-	17	6	1	-
TOTAL GROSS TONNAGE	13	306	-	229	71	14	-
BOATS:							
MOTOR:							
REGULAR	1	-	-	-	-	-	1
PART-TIME	8	4	-	4	-	-	12
CASUAL	38	13	3	17	18	-	113
TOTAL MOTOR BOATS	47	[illegible]	3	21	[illegible]	-	126

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968 - Continued

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS			LINES, LONG OR SET WITH HOOKS
				2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS - CONTINUED:							
OTHER:							
REGULAR	1	-	-	-	-	-	-
PART-TIME	8	-	-	-	-	-	-
CASUAL	39	-	-	-	-	-	-
TOTAL OTHER BOATS	48	-	-	-	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	106	2,950	-	4,670	326	24	-
ON BOATS AND SHORE	3,345	1,028	190	891	208	-	4,526
TOTAL FISHERMEN DAYS	3,451	3,978	190	5,561	534	24	4,526
CRAFT:							
VESSELS	53	1,475	-	1,813	163	12	-
BOATS, MOTOR	1,590	514	95	546	193	-	3,095
TOTAL CRAFT DAYS	1,643	1,989	95	2,359	356	12	3,095
FISHING EFFORT:							
LIFTS	-	13,947	449	-	-	-	-
LIFTS PER 1,000 LINEAR YARDS	2,325	-	-	1,395	742	3	-
LIFTS PER 1,000 HOOKS	-	-	-	-	-	-	1,386

SEE NOTE ON PAGE 324.

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS:				
PART-TIME	-	-	4	-
CASUAL	-	-	20	-
ON BOATS AND SHORE:				
PART-TIME	2	-	12	-
CASUAL	24	10	50	8
TOTAL FISHERMEN	26	10	86	8
VESSELS, MOTOR:				
PART-TIME	-	-	2	-
CASUAL	-	-	10	-
TOTAL VESSELS	-	-	12	-
TOTAL GROSS TONNAGE	-	-	115	-
BOATS:				
MOTOR:				
PART TIME	1	-	6	-
CASUAL	12	5	25	4
TOTAL MOTOR BOATS	13	5	31	4
OTHER:				
PART-TIME	1	-	-	-
CASUAL	12	-	-	-
TOTAL OTHER BOATS	13	-	-	-
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS	-	-	1,002	-
ON BOATS AND SHORE	528	226	2,104	100
TOTAL FISHERMEN DAYS	528	226	3,106	100
CRAFT:				
VESSELS	-	-	501	-
BOATS, MOTOR	264	113	1,052	50
TOTAL CRAFT DAYS	264	113	1,553	50
FISHING EFFORT:				
LIFTS	-	347	7,150	174
LIFTS PER 1,000 LINEAR YARDS	159	-	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968 - Continued

ITEM	GILL NETS				LINES, LONG OR SET WITH HOOKS
	1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	-	3	-	-	-
PART-TIME	-	3	5	-	-
CASUAL	-	32	30	7	-
ON BOATS AND SHORE:					
PART-TIME	-	16	2	16	13
CASUAL	1	31	34	24	31
TOTAL FISHERMEN	1	85	71	47	44
VESSELS, MOTOR:					
REGULAR	-	1	-	-	-
PART-TIME	-	1	2	-	-
CASUAL	-	16	14	3	-
TOTAL VESSELS	-	18	16	3	-
TOTAL GROSS TONNAGE	-	364	289	27	-
BOATS, MOTOR:					
PART-TIME	-	8	1	8	7
CASUAL	1	24	27	13	20
TOTAL MOTOR BOATS	1	32	28	21	27
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	-	1,753	1,168	55	-
ON BOATS AND SHORE	9	1,698	806	2,022	1,715
TOTAL FISHERMEN DAYS	9	3,451	1,974	2,077	1,715
CRAFT:					
VESSELS	-	712	487	23	-
BOATS, MOTOR	9	971	598	1,022	996
TOTAL CRAFT DAYS	9	1,683	1,085	1,045	996
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS	1	2,995	2,811	1,251	-
LIFTS PER 1,000 HOOKS	-	-	-	-	686

SEE NOTE ON PAGE 324.

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	WEIRS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
REGULAR	-	6	-	-	-	-
PART-TIME	-	16	-	7	4	2
CASUAL	4	16	-	4	22	2
ON BOATS AND SHORE:						
PART-TIME	-	-	-	16	-	10
CASUAL	20	-	4	100	22	32
TOTAL FISHERMEN	24	38	4	127	48	46
VESSELS, MOTOR:						
REGULAR	-	2	-	-	-	-
PART-TIME	-	8	-	3	2	1
CASUAL	2	8	-	2	11	1
TOTAL VESSELS	2	18	-	5	13	2
TOTAL GROSS TONNAGE	23	527	-	90	143	22
BOATS:						
MOTOR:						
PART-TIME	-	-	-	8	-	5
CASUAL	10	-	-	48	11	16
TOTAL MOTOR BOATS	10	-	-	56	11	21
OTHER, CASUAL	12	-	-	-	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	WEIRS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS.	10	2,864	-	579	614	164
ON BOATS AND SHORE. . .	500	-	212	3,284	330	1,478
TOTAL FISHERMEN DAYS.	510	2,864	212	3,863	944	1,642
CRAFT:						
VESSELS	5	1,254	-	256	306	82
BOATS, MOTOR.	250	-	-	1,642	165	739
TOTAL CRAFT DAYS. . .	255	1,254	-	1,898	471	821
FISHING EFFORT:						
LIFTS	-	-	-	5,196	1,691	5,944
LIFTS PER 1,000 LINEAR YARDS.	144	-	-	-	-	-
HOURS TRAWLED	-	5,650	-	-	-	-
DAYS FISHED	-	-	53	-	-	-

ITEM	GILL NETS				LINES, LONG OR SET WITH HOOKS
	1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	-	69	-	-	-
PART-TIME	-	116	27	-	-
CASUAL.	18	100	112	3	3
ON BOATS AND SHORE:					
REGULAR	-	3	-	-	-
PART-TIME	-	20	11	2	-
CASUAL.	25	143	93	14	1
TOTAL FISHERMEN . . .	43	451	243	19	4
VESSELS, MOTOR:					
REGULAR	-	23	-	-	-
PART-TIME	-	55	12	-	-
CASUAL.	9	49	52	1	1
TOTAL VESSELS	9	127	64	1	1
TOTAL GROSS TONNAGE .	149	3,055	1,444	10	10
BOATS, MOTOR:					
REGULAR	-	1	-	-	-
PART TIME	-	10	5	-	-
CASUAL.	12	102	52	1	1
TOTAL MOTOR BOATS . .	12	113	57	1	1
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	228	28,692	4,208	15	6
ON BOATS AND SHORE. . .	369	4,522	2,024	548	18
TOTAL FISHERMEN DAYS.	597	33,214	6,232	563	24
CRAFT:					
VESSELS	114	11,639	1,851	5	2
BOATS, MOTOR.	258	2,783	1,325	455	18
TOTAL CRAFT DAYS. . .	372	14,422	3,176	460	20
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS.	439	37,651	11,607	239	-
LIFTS PER 1,000 HOOKS . .	-	-	-	-	11

SEE NOTE ON PAGE 324.

LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
PART-TIME	-	-	2	2	-
CASUAL.	-	2	4	4	-
ON BOATS AND SHORE:					
PART-TIME	-	-	4	-	-
CASUAL.	2	-	17	2	11
TOTAL FISHERMEN . . .	2	2	27	8	11
VESSELS, MOTOR:					
PART-TIME	-	-	1	1	-
CASUAL.	-	1	2	2	-
TOTAL VESSELS	-	1	3	3	-
TOTAL GROSS TONNAGE .	-	63	66	44	-
BOATS:					
MOTOR:					
PART-TIME	-	-	2	-	-
CASUAL.	1	-	9	1	5
TOTAL MOTOR BOATS . .	1	-	11	1	5
OTHER, CASUAL	1	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	32	222	374	-
ON BOATS AND SHORE. . .	18	-	750	64	185
TOTAL FISHERMEN DAYS.	18	32	972	438	185
CRAFT:					
VESSELS	-	16	111	187	-
BOATS, MOTOR.	9	-	386	32	90
TOTAL CRAFT DAYS. . .	9	16	497	219	90
FISHING EFFORT:					
LIFTS	-	-	1,159	1,576	93
LIFTS PER 1,000 LINEAR YARDS.	2	-	-	-	-
HOURS TRAWLED	-	128	-	-	-

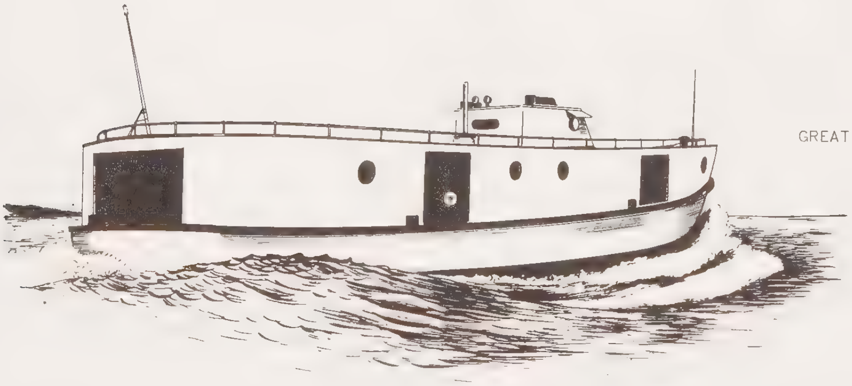
ITEM	GILL NETS			
	1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS:				
REGULAR	-	15	-	-
PART-TIME	-	35	17	-
CASUAL.	21	73	85	9
ON BOATS AND SHORE:				
REGULAR	-	12	3	-
PART-TIME	2	54	14	-
CASUAL.	11	100	84	4
TOTAL FISHERMEN . . .	34	289	203	13
VESSELS, MOTOR:				
REGULAR	-	5	-	-
PART-TIME	-	17	8	-
CASUAL.	10	36	41	4
TOTAL VESSELS	10	58	49	4
TOTAL GROSS TONNAGE .	164	1,102	948	71
BOATS, MOTOR:				
REGULAR	-	4	1	-
PART-TIME	1	25	6	-
CASUAL.	4	70	57	2
TOTAL MOTOR BOATS . .	5	99	64	2
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	420	8,079	3,294	101
ON BOATS AND SHORE. . .	432	10,323	4,012	42
TOTAL FISHERMEN DAYS.	852	18,402	7,306	143
CRAFT:				
VESSELS	199	3,521	1,526	39
BOATS, MOTOR.	286	5,074	2,185	21
TOTAL CRAFT DAYS. . .	485	8,595	3,711	60
FISHING EFFORT, LIFTS PER 1,000 LINEAR YARDS	213	12,800	6,127	74

SEE NOTE ON PAGE 324.

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE OPERATING UNITS AND FISHING EFFORT BY GEAR, 1968

ITEM	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS
				4 - 7 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	-	-	-	3
PART-TIME	-	4	-	34
CASUAL	4	2	4	6
TOTAL FISHERMEN	4	6	4	43
BOATS, MOTOR:				
REGULAR	-	-	-	1
PART-TIME	-	2	-	17
CASUAL	2	1	2	6
TOTAL MOTOR BOATS	2	3	2	24
DAYS OPERATED:				
FISHERMEN, ON BOATS AND SHORE	66	342	104	4,263
CRAFT, BOATS, MOTOR	33	171	52	2,122
FISHING EFFORT:				
LIFTS	198	1,584	508	-
LIFTS PER 1,000 LINEAR YARDS	-	-	-	1,951

SEE NOTE ON PAGE 324.



GREAT LAKES TUG

CATCH BY LAKE, STATE, AND GEAR, 1968

SPECIES	LAKE ONTARIO					
	NEW YORK					
	HAUL SEINES, COMMON		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	200	$9	600	$25	200	$7
BULLHEADS	5,200	654	35,600	4,444	5,400	677
CARP	37,600	1,129	11,000	331	-	-
CATFISH	-	-	1,900	544	300	72
CHUBS	-	-	100	16	-	-
CRAPPIE	400	53	1,800	221	1,200	139
EEL, COMMON	200	36	71,800	17,950	2,300	581
ROCK BASS	-	-	17,200	1,204	200	12
SHEEPSHEAD	-	-	100	3	100	1
SUCKERS	-	-	3,000	90	400	12
SUNFISH	(1)	2	7,000	703	1,900	192
WHITE BASS	-	-	-	-	400	79
WHITEFISH, COMMON	-	-	(1)	7	-	-
WHITE PERCH	200	56	6,100	2,131	700	264
YELLOW PERCH	-	-	5,700	800	1,600	214
YELLOW PIKE	-	-	1,000	471	-	-
TOTAL	43,800	1,939	162,900	28,940	14,700	2,250

SPECIES	LAKE ONTARIO - CONTINUED					
	NEW YORK - CONTINUED					
	GILL NETS					
	1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	(1)	$3	3,900	$186	-	-
CATFISH	-	-	-	-	1,000	$288
CRAPPIE	-	-	100	10	-	-
EEL, COMMON	-	-	100	28	-	-
LAKE HERRING	-	-	300	114	2,000	808
ROCK BASS	-	-	2,400	173	5,200	363
STURGEON, COMMON	-	-	-	-	100	96
SUNFISH	-	-	200	21	700	66
WHITEFISH, COMMON	-	-	-	-	400	255
WHITE PERCH	200	66	20,400	7,131	76,800	26,876
YELLOW PERCH	(1)	3	1,500	209	5,500	771
YELLOW PIKE	-	-	(1)	15	100	60
TOTAL	200	72	28,900	7,887	91,800	29,583

SPECIES	LAKE ONTARIO - CONTINUED		LAKE ERIE			
	NEW YORK - CONTINUED		NEW YORK			
	TOTAL		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALJE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	-	-	100	$37
BOWFIN	1,000	$41	-	-	-	-
BULLHEADS	50,100	5,964	-	-	(1)	(1)
CARP	48,600	1,460	(1)	$1	300	9
CATFISH	3,200	904	(1)	6	500	141
CHUBS	100	16	-	-	-	-
CRAPPIE	3,500	423	-	-	-	-
EEL, COMMON	74,400	18,595	-	-	(1)	1
GIZZARD SHAD	-	-	(1)	1	100	2
LAKE HERRING	2,300	922	-	-	-	-
ROCK BASS	25,000	1,752	-	-	(1)	2
SHEEPSHEAD	200	4	700	14	5,100	103
SMELT	-	-	-	-	100	6
STURGEON, COMMON	100	96	100	96	-	-
SUCKERS	3,400	102	200	5	10,100	402
SUNFISH	9,800	984	-	-	-	-
WHITE BASS	400	79	3,300	686	800	170
WHITEFISH, COMMON	400	262	-	-	(1)	2
WHITE PERCH	104,400	36,524	(1)	1	(1)	4
YELLOW PERCH	14,300	1,997	120,200	16,833	200	29
YELLOW PIKE	1,100	546	11,400	5,688	108,200	54,082
TOTAL	342,300	70,671	135,900	23,331	125,500	54,990

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	NEW YORK - CONTINUED		PENNSYLVANIA			
	TOTAL		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	100	$37	(1)	$7	-	-
BULLHEADS	(1)	(1)	(1)	3	-	-
CARP	300	10	(1)	3	-	-
CATFISH	500	147	(1)	3	-	-
EEL, COMMON	(1)	1	-	-	-	-
GIZZARD SHAD	100	3	-	-	-	-
LAKE HERRING	-	-	(1)	1	-	-
ROCK BASS	(1)	2	-	-	-	-
SHEEPSHEAD	5,800	117	900	53	-	-
SMELT	100	6	1,000	96	-	-
STURGEON, COMMON	100	96	-	-	-	-
SUCKERS	10,300	307	600	27	-	-
WHITE BASS	4,100	856	300	42	-	-
WHITEFISH, COMMON	(1)	2	400	269	-	-
WHITE PERCH	(1)	5	-	-	-	-
YELLOW PERCH	120,400	16,862	471,300	48,533	-	-
YELLOW PIKE	119,600	59,770	500	181	6,000	$1,436
TOTAL	261,400	78,221	475,000	49,218	6,000	1,436

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA - CONTINUED		OHIO			
	TOTAL		HAUL SEINES, COMMON		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	(1)	$7	-	-	-	-
BUFFALOFISH	-	-	25,400	$3,047	8,800	$1,055
BULLHEADS	(1)	3	12,500	1,561	12,000	1,499
BURBOT	-	-	-	-	600	29
CARP	(1)	3	2,194,400	65,830	137,200	4,115
CATFISH	(1)	3	516,000	144,489	106,800	29,912
GIZZARD SHAD	-	-	3,300	67	24,500	490
GOLDFISH	-	-	106,800	3,203	-	-
LAKE HERRING	(1)	1	-	-	100	10
MOONEYE OR GOLDEYE	-	-	(1)	2	-	-
SALMON, SILVER OR COHO	-	-	-	-	(1)	1
SHEEPSHEAD	900	53	2,580,300	51,605	464,600	9,292
SMELT	1,000	96	-	-	-	-
SUCKERS	600	27	33,000	825	85,900	2,148
WHITE BASS	300	42	219,600	46,105	434,500	91,252
WHITEFISH, COMMON	400	269	200	118	900	517
YELLOW PERCH	471,300	48,533	41,900	4,195	1,566,200	156,617
YELLOW PIKE	6,500	1,617	42,100	20,435	260,000	126,099
TOTAL	481,000	50,654	5,775,500	341,482	3,102,100	423,036

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS, 2-1/8 - 3-7/8 INCH MESH		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	100	$14	-	-	-	-
BULLHEADS	100	10	100	$6	500	$67
CARP	2,100	64	-	-	1,500	46
CATFISH	1,300	361	100	24	122,000	34,168
GOLDFISH	-	-	-	-	(1)	(1)
MOONEYE OR GOLDEYE	-	-	-	-	(1)	(1)
SAUGER	100	4	-	-	-	-
SHEEPSHEAD	2,300	45	6,400	128	1,400	29
SMELT	-	-	100	6	-	-
STURGEON, COMMON	-	-	100	125	100	132
SUCKERS	700	18	1,000	26	(1)	(1)
WHITE BASS	16,200	3,393	3,300	703	(1)	2
WHITEFISH, COMMON	-	-	(1)	1	-	-
YELLOW PERCH	4,600	457	1,356,100	135,607	300	28
YELLOW PIKE	1,400	681	300	164	-	-
TOTAL	28,900	5,047	1,367,500	136,790	125,800	34,472

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED		MICHIGAN			
	TOTAL		HAUL SEINES, COMMON		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	34,300	$4,116	1,700	$69	5,700	$1,010
BULLHEADS	25,200	3,143	-	-	500	90
BURBOT	600	29	-	-	-	-
CARP	2,335,200	70,055	263,600	9,223	75,200	2,156
CATFISH	746,200	208,954	5,600	1,761	16,100	4,747
GIZZARD SHAD	27,800	557	-	-	-	-
GOLDFISH	106,800	3,203	-	-	-	-
LAKE HERRING	100	10	-	-	-	-
MOONEYE OR GOLDEYE	(1)	2	-	-	-	-
ROCK BASS	-	-	-	-	200	38
SALMON, SILVER OR COHO	(1)	1	-	-	-	-
SAUGER	100	4	-	-	-	-
SHEEPSHEAD	3,055,000	61,099	(1)	1	82,400	3,036
SMELT	100	6	-	-	-	-
STURGEON, COMMON	200	257	-	-	-	-
SUCKERS	120,600	3,017	-	-	9,500	285
WHITE BASS	673,600	141,455	400	114	48,600	14,541
WHITEFISH, COMMON	1,100	636	-	-	100	47
YELLOW PERCH	2,969,100	296,904	100	6	171,700	16,600
YELLOW PIKE	303,800	147,379	100	36	83,900	40,812
TOTAL	10,399,800	940,827	271,500	11,210	493,900	83,362

SPECIES	LAKE ERIE - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	(1)	$2	-	-	-	-
CARP	-	-	1,100	$21	7,700	$308
CATFISH	-	-	(1)	8	-	-
SHEEPSHEAD	-	-	400	14	-	-
SUCKERS	300	6	-	-	-	-
WHITE BASS	-	-	1,400	429	-	-
YELLOW PERCH	1,100	111	-	-	-	-
YELLOW PIKE	100	26	400	187	-	-
TOTAL	1,500	145	3,300	659	7,700	308

SPECIES	LAKE ERIE - CONTINUED				LAKE HURON	
	MICHIGAN - CONTINUED				MICHIGAN	
	LINES, LONG OR SET WITH HOOKS		TOTAL		HAUL SEINES, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	7,400	$1,079	-	-
BULLHEADS	-	-	500	92	400	$49
CARP	-	-	347,600	11,708	172,900	10,077
CATFISH	600	$196	22,300	6,712	7,100	2,031
ROCK BASS	-	-	200	38	-	-
SHEEPSHEAD	-	-	82,800	3,051	-	-
SUCKERS	-	-	9,800	291	25,900	1,734
WHITE BASS	-	-	50,400	15,084	-	-
WHITEFISH, COMMON	-	-	100	47	-	-
YELLOW PERCH	-	-	172,900	16,717	5,300	794
YELLOW PIKE	-	-	84,500	41,061	-	-
TOTAL	600	196	778,500	95,880	211,600	14,685

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	600	$25	-	-
BULLHEADS	-	-	9,200	1,210	300	$54
CARP	-	-	122,100	5,336	-	-
CATFISH	-	-	46,000	12,287	200	74

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRAPPIE	-	-	4,900	$1,577	-	-
GIZZARD SHAD	-	-	800	9	-	-
LAKE HERRING	-	-	1,300	252	-	-
QUILLBACK	-	-	13,500	611	-	-
ROCK BASS	-	-	1,000	176	-	-
SHEEPSHEAD	-	-	9,100	436	-	-
SMELT	27,700	$1,748	-	-	-	-
STURGEON, COMMON	-	-	300	291	-	-
SUCKERS	-	-	125,700	7,138	6,300	$450
WHITE BASS	-	-	300	71	-	-
WHITEFISH:						
COMMON	10,600	6,142	119,900	78,636	-	-
MENOMINEE	-	-	100	13	-	-
YELLOW PERCH	-	-	431,300	66,623	3,200	615
YELLOW PIKE	-	-	24,300	12,840	-	-
TOTAL	8,300	7,890	910,400	187,531	10,000	1,193

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS					
	1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	-	-	-	-	(1)	(1)
BURBOT	-	-	-	-	(1)	$1
CARP	-	-	(1)	$3	3,100	74
CATFISH	-	-	-	-	500	131
CHUBS	-	-	103,600	15,713	-	-
GIZZARD SHAD	-	-	-	-	(1)	2
LAKE HERRING	100	$13	16,800	2,752	400	87
LAKE TROUT	-	-	-	-	200	97
ROCK BASS	-	-	-	-	(1)	2
SAUGER	-	-	100	3	-	-
SHEEPSHEAD	-	-	-	-	400	10
SMELT	-	-	500	11	100	28
SUCKERS	-	-	1,600	93	2,300	66
WHITE BASS	-	-	-	-	(1)	2
WHITEFISH:						
COMMON	-	-	(1)	28	150,700	87,956
MENOMINEE	-	-	12,300	2,904	(1)	8
YELLOW PERCH	-	-	445,500	61,254	(1)	6
YELLOW PIKE	-	-	200	100	3,900	2,030
TOTAL	100	13	580,600	82,861	161,600	90,500

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL	
	7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	600	$25
BULLHEADS	-	-	-	-	9,900	1,313
BURBOT	-	-	-	-	(1)	1
CARP	717,300	$41,777	300	$16	1,015,700	57,283
CATFISH	(1)	10	47,300	12,424	101,100	26,957
CHUBS	-	-	-	-	103,600	15,713
CRAPPIE	-	-	-	-	4,900	1,577
GIZZARD SHAD	300	4	-	-	1,100	15
LAKE HERRING	-	-	-	-	18,600	3,104
LAKE TROUT	-	-	-	-	200	97
QUILLBACK	-	-	-	-	13,500	611
ROCK BASS	-	-	-	-	1,000	178
SAUGER	-	-	-	-	100	3
SHEEPSHEAD	-	-	-	-	9,500	446
SMELT	-	-	-	-	28,300	1,787
STURGEON, COMMON	-	-	-	-	300	291
SUCKERS	-	-	-	-	161,800	9,481
WHITE BASS	-	-	-	-	300	73

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL	
	7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITEFISH:						
COMMON	-	-	-	-	281,200	$172,762
MENOMINEE	-	-	-	-	12,400	2,925
YELLOW PERCH	-	-	-	-	885,300	129,292
YELLOW PIKE	-	-	-	-	28,400	14,970
TOTAL	717,600	$41,791	47,600	$12,440	2,677,800	438,904

SPECIES	LAKE MICHIGAN					
	MICHIGAN					
	OTTER TRAWLS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,843,300	$54,729	4,914,300	$48,585	170,200	$1,702
BURBOT	-	-	(1)	(1)	-	-
CARP	7,800	140	300	6	100	6
CHUBS	13,700	1,197	-	-	-	-
LAKE HERRING	-	-	(1)	1	(1)	9
SHEEPSHEAD	-	-	(1)	(1)	-	-
SMELT	357,400	4,736	1,282,300	37,368	-	-
STURGEON, COMMON	-	-	(1)	52	100	99
SUCKERS	-	-	200	21	700	59
WHITEFISH:						
COMMON	100	34	82,600	46,884	232,400	155,350
MENOMINEE	-	-	(1)	5	1,400	826
YELLOW PERCH	200	30	(1)	4	100	17
YELLOW PIKE	-	-	400	174	1,200	539
TOTAL	4,222,500	60,866	6,280,100	133,100	406,200	158,607

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	WEIRS		GILL NETS			
			1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	109,700	$1,097	200	$1
BULLHEADS	-	-	-	-	(1)	(1)
BURBOT	-	-	-	-	(1)	(1)
CARP	-	-	-	-	(1)	1
CHUBS	-	-	-	-	3,504,000	551,826
LAKE HERRING	-	-	-	-	30,000	3,980
LAKE TROUT	-	-	(1)	2	1,800	1,011
PIKE OR PICKEREL	-	-	-	-	400	80
ROCK BASS	-	-	-	-	100	12
SALMON, SILVER OR COHO	1,970,400	$307,387	-	-	-	-
SAUGER	-	-	-	-	100	7
SMELT	-	-	18,500	3,246	500	31
STURGEON, COMMON	-	-	-	-	1,400	1,403
SUCKERS	-	-	-	-	10,900	447
WHITEFISH:						
COMMON	-	-	-	-	(1)	14
MENOMINEE	-	-	-	-	47,000	8,208
YELLOW PERCH	-	-	-	-	177,500	27,286
YELLOW PIKE	-	-	-	-	(1)	1
TOTAL	1,970,400	307,387	128,200	4,345	3,773,900	594,308

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED				LINES, LONG OR SET WITH HOOKS	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	(1)	-	-	-	-
BURBOT	33,300	$928	-	-	-	-
CARP	800	50	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED				LINES, LONG OR SET WITH HOOKS	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH	(1)	$3	-	-	-	-
CHUBS	100	16	-	-	-	-
GIZZARD SHAD.	900	17	-	-	-	-
LAKE HERRING.	1,900	387	-	-	-	-
LAKE TROUT.	66,100	37,948	-	-	-	-
ROCK BASS	(1)	5	-	-	-	-
SALMON, SILVER OR COHO. . .	(1)	8	-	-	-	-
SMELT	600	59	-	-	-	-
STURGEON, COMMON.	200	190	200	$206	200	$166
SUCKERS	9,300	441	-	-	-	-
WHTTEFISH:						
COMMON.	511,200	297,710	-	-	-	-
MENOMINEE	2,300	420	-	-	-	-
YELLOW PERCH.	100	32	-	-	-	-
YELLOW PIKE	3,800	2,503	-	-	-	-
TOTAL	630,600	340,717	200	206	200	166

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED		INDIANA			
	TOTAL		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	9,037,700	$106,114	100	$1	-	-
BULLHEADS	(1)	(1)	-	-	-	-
BURBOT.	33,300	928	-	-	-	-
CARP.	9,000	203	-	-	-	-
CATFISH	(1)	3	-	-	-	-
CHUBS	3,517,800	553,039	32,000	5,039	-	-
GIZZARD SHAD.	900	17	-	-	-	-
LAKE HERRING.	31,900	4,377	200	58	-	-
LAKE TROUT.	67,900	38,961	100	34	100	$24
PIKE OR PICKEREL.	400	80	(1)	2	-	-
ROCK BASS	100	17	-	-	-	-
SALMON, SILVER OR COHO. . .	1,970,400	307,395	700	411	27,800	11,949
SAUGER.	100	7	-	-	-	-
SHEEPSHEAD.	(1)	(1)	-	-	-	-
SMELT	1,659,300	45,440	-	-	-	-
STURGEON, COMMON.	2,100	2,116	-	-	-	-
SUCKERS	21,100	968	11,000	520	1,900	167
WHITEFISH:						
COMMON.	826,300	499,992	700	349	-	-
MENOMINEE	50,700	9,459	-	-	-	-
YELLOW PERCH.	177,900	27,369	112,100	19,990	100	58
YELLOW PIKE	5,400	3,217	-	-	-	-
TOTAL	17,412,300	1,599,702	156,900	26,404	29,900	12,198

SPECIES	LAKE MICHIGAN - CONTINUED					
	INDIANA - CONTINUED					
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL	
	7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	-	-	100	$1
CARP.	5,000	$112	10,000	$225	15,000	337
CHUBS	-	-	-	-	32,000	5,039
LAKE HERRING.	-	-	-	-	200	58
LAKE TROUT.	-	-	-	-	200	58
PIKE OR PICKEREL.	-	-	-	-	(1)	2
SALMON, SILVER OR COHO. . .	-	-	-	-	28,500	12,360
SUCKERS	-	-	-	-	12,900	687
WHITEFISH, COMMON	-	-	-	-	700	349
YELLOW PERCH.	-	-	-	-	112,200	20,048
TOTAL	5,000	112	10,000	225	201,800	38,939

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS					
	GILL NETS				TOTAL	
	1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	300	$3	300	$3
CHUBS	-	-	410,400	84,532	410,400	84,532
LAKE HERRING	-	-	700	106	700	106
LAKE TROUT	-	-	100	27	100	27
ROCK BASS	-	-	(1)	(1)	(1)	(1)
SMELT	200	$18	(1)	(1)	200	18
YELLOW PERCH	(1)	11	70,300	14,077	70,300	14,088
TOTAL	200	29	481,800	98,745	482,000	98,774

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN					
	HAUL SEINES, COMMON		OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	9,242,100	$96,628	8,876,300	$76,913
BURBOT	-	-	600	66	800	23
CARP	1,861,400	$48,881	29,300	4,374	100	1
CHUBS	-	-	14,700	450	-	-
LAKE HERRING	-	-	-	-	400	57
LAKE TROUT	-	-	-	-	500	401
PIKE OR PICKEREL	100	2	-	-	100	9
SCULPIN	-	-	100	4	-	-
SMELT	-	-	29,000	1,443	60,500	3,810
SUCKERS	4,200	116	32,000	497	1,100	11
WHITEFISH:						
COMMON	-	-	(1)	1	50,100	36,052
MENOMINEE	-	-	-	-	600	158
YELLOW PERCH	-	-	200	32	-	-
YELLOW PIKE	(1)	2	-	-	(1)	7
TOTAL	1,865,700	49,001	9,348,000	103,495	8,990,500	117,442

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
					1-1/8 - 2 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	25,900	$194	-	-
BULLHEADS	-	-	20,700	1,603	-	-
BURBOT	-	-	21,600	2,201	-	-
CARP	-	-	39,700	661	-	-
LAKE HERRING	-	-	-	-	2,100	$251
PIKE OR PICKEREL	-	-	18,300	2,777	-	-
SCULPIN	-	-	(1)	1	-	-
SHEEPSHEAD	-	-	(1)	1	-	-
SMELT	-	-	300	39	36,800	5,064
SUCKERS	800	$15	320,800	5,058	-	-
YELLOW PERCH	-	-	95,300	14,285	-	-
YELLOW PIKE	-	-	2,800	1,047	-	-
TOTAL	800	15	545,400	27,867	38,900	5,315

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS - CONTINUED					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	12,000	$143	-	-	-	-
BULLHEADS	400	21	-	-	-	-
BURBOT	2,200	138	1,200	$50	-	-
CARP	8,200	167	2,400	87	387,400	$12,200
CHUBS	6,207,600	974,987	300	2	-	-
LAKE HERRING	8,300	2,180	9,400	2,440	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS - CONTINUED					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAKE TROUT.	300	$158	4,000	$2,020	(1)	$1
PIKE OR PICKEREL.	100	11	10,900	1,248	-	-
SMELT	2,400	301	500	67	-	-
SUCKERS	15,600	298	56,400	2,241	-	-
WHITEFISH:						
COMMON.	100	108	15,600	11,290	-	-
MENOMINEE	2,100	783	-	-	-	-
YELLOW PERCH.	175,600	34,649	100	12	-	-
YELLOW PIKE	100	8	1,700	587	-	-
TOTAL	6,435,000	1,013,952	102,500	20,044	387,400	12,201

SPECIES	LAKE MICHIGAN - CONTINUED		LAKE SUPERIOR			
	WISCONSIN - CONTINUED		MICHIGAN			
	TOTAL		HAUL SEINES, COMMON		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	18,156,300	$173,878	-	-	-	-
BULLHEADS	21,100	1,624	-	-	-	-
BURBOT.	26,400	2,478	-	-	-	-
CARP.	2,328,500	66,371	-	-	-	-
CHUBS	6,222,600	975,439	-	-	-	-
LAKE HERRING.	20,200	4,928	-	-	-	-
LAKE TROUT.	4,800	2,580	-	-	-	-
PIKE OR PICKEREL.	29,500	4,047	-	-	-	-
SCULPIN	100	5	-	-	-	-
SHEEPSHEAD.	(1)	1	-	-	-	-
SMELT	129,500	10,724	-	-	-	-
SUCKERS	430,900	8,236	-	-	-	-
WHITEFISH:						
COMMON.	65,800	47,451	-	-	21,600	$18,227
MENOMINEE	2,700	941	300	$26	-	-
YELLOW PERCH.	271,200	48,978	-	-	-	-
YELLOW PIKE	4,600	1,651	-	-	-	-
TOTAL	27,714,200	1,349,332	300	26	21,600	18,227

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
					1-1/8 - 2 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAKE HERRING.	(1)	$3	-	-	-	-
SMELT	-	-	-	-	11,900	$2,199
SUCKERS	-	-	4,000	$362	-	-
WHITEFISH, COMMON	136,700	100,266	-	-	-	-
YELLOW PERCH.	-	-	400	55	-	-
TOTAL	136,700	100,269	4,400	417	11,900	2,199

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	(1)	(1)	-	-	-	-
BURBOT.	4,000	$240	2,800	$133	-	-
CARP.	-	-	(1)	(1)	-	-
CHUBS	96,700	15,047	400	27	-	-
LAKE HERRING.	2,310,200	294,520	2,900	481	6,800	$881
LAKE TROUT.	10,800	7,798	145,900	88,533	1,600	1,027
SALMON, SILVER OR COHO. . .	(1)	2	-	-	-	-
SAUGER.	-	-	100	9	-	-
SMELT	100	19	200	15	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON, COMMON	-	-	(1)	$27	-	-
SUCKERS	3,600	$277	26,400	1,233	-	-
WHITEFISH:						
COMMON	500	304	281,300	162,613	500	$404
MENOMINEE	11,400	1,718	100	13	800	108
YELLOW PERCH	1,900	430	-	-	-	-
YELLOW PIKE	600	180	(1)	14	-	-
TOTAL	2,439,800	320,535	460,100	253,098	9,700	2,420

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED		WISCONSIN			
	TOTAL		POUND NETS		GILL NETS	
					1-1/8 - 2 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	(1)	-	-	-	-
BURBOT	6,800	$373	(1)	(1)	-	-
CARP	(1)	(1)	100	$4	-	-
CHUBS	97,100	15,074	-	-	(1)	(1)
LAKE HERRING	2,319,900	295,885	(1)	2	(1)	$1
LAKE TROUT	158,300	97,358	1,400	1,065	-	-
SALMON, SILVER OR COHO	(1)	2	-	-	-	-
SAUGER	100	9	-	-	-	-
SMELT	12,200	2,233	374,800	10,196	45,600	6,159
STURGEON, COMMON	(1)	27	-	-	-	-
SUCKERS	34,000	1,872	12,200	151	-	-
WHITEFISH:						
COMMON	440,600	281,814	38,500	23,037	-	-
MENOMINEE	12,600	1,865	-	-	(1)	(1)
YELLOW PERCH	2,300	485	-	-	-	-
YELLOW PIKE	600	194	-	-	-	-
TOTAL	3,084,500	697,191	427,000	34,455	45,600	6,160

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS - CONTINUED					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	(1)	-	-	-	-
BURBOT	400	$8	1,900	$32	-	-
CHUBS	557,500	52,225	6,300	786	-	-
LAKE HERRING	615,000	48,361	2,800	460	-	-
LAKE TROUT	100	65	37,400	22,059	200	$149
SALMON, SILVER OR COHO	(1)	(1)	(1)	2	-	-
SMELT	200	22	600	72	-	-
SUCKERS	200	3	5,900	172	-	-
WHITEFISH:						
COMMON	200	24	33,400	19,212	-	-
MENOMINEE	22,400	2,542	200	27	-	-
TOTAL	1,196,000	103,250	88,500	42,822	200	149

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED		MINNESOTA			
	TOTAL		OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	(1)	-	-	-	-
BURBOT	2,300	$40	-	-	-	-
CARP	100	4	-	-	-	-
CHUBS	563,800	53,011	-	-	-	-
LAKE HERRING	617,800	48,824	-	-	-	-
LAKE TROUT	39,100	23,338	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED		MINNESOTA			
			OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON, SILVER OR COHO. . .	(1)	$2	-	-	-	-
SMELT	421,200	16,449	38,300	$958	824,400	$20,628
SUCKERS	18,300	326	-	-	-	-
WHITEFISH:						
COMMON.	72,100	42,273	-	-	-	-
MENOMINEE	[illegible]	[illegible]	-	-	-	-
TOTAL	1,757,300	186,836	38,300	958	824,400	20,628

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT.	700	$13	-	-	700	$13
CHUBS	178,900	19,700	-	-	178,900	19,700
LAKE HERRING.	651,500	65,200	-	-	651,500	65,200
LAKE TROUT.	-	-	8,600	$5,600	8,600	5,600
SMELT	500	14	-	-	863,200	21,600
SUCKERS	11,500	207	-	-	11,500	207
WHITEFISH:						
COMMON.	-	-	15,400	7,700	15,400	7,700
MENOMINEE	1,700	170	-	-	1,700	170
TOTAL	844,800	85,304	24,000	13,300	1,731,500	120,190

SPECIES	LAKE OF THE WOODS					
	MINNESOTA					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	100	$1	100	$2	300	$6
BURBOT.	31,000	1,084	75,900	2,651	400	14
PIKE OR PICKEREL.	2,100	109	9,700	493	2,200	113
SAUGER.	400	26	5,000	352	400	25
SUCKERS	100	1	7,300	146	1,500	30
TULLIBEE.	88,000	3,079	161,800	5,663	400	15
WHITEFISH, COMMON	-	-	(1)	1	-	-
YELLOW PERCH.	600	30	4,900	250	1,000	47
YELLOW PIKE	3,700	930	18,300	4,573	1,300	334
TOTAL	126,000	5,260	283,000	14,131	7,500	584

SPECIES	LAKE OF THE WOODS - CONTINUED					
	MINNESOTA - CONTINUED					
	GILL NETS 4 - 7 INCH MESH		TOTAL		GILL NETS 4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	200	$4	700	$13	-	-
BURBOT.	33,000	1,151	140,300	4,900	1,800	$55
PIKE OR PICKEREL.	37,200	1,885	51,200	2,600	-	-
SAUGER.	10,000	697	15,800	1,100	-	-
SUCKERS	96,100	1,924	105,000	2,101	3,400	102
TULLIBEE.	838,500	29,343	1,088,700	38,100	5,200	155
WHITEFISH, COMMON	(1)	4	(1)	5	17,200	4,303
YELLOW PERCH.	29,900	1,473	35,400	1,800	-	-
YELLOW PIKE	82,100	20,563	105,400	26,400	-	-
TOTAL	1,126,000	57,044	1,542,500	77,019	27,600	4,615

SEE FOOTNOTE AT END OF TABLE.

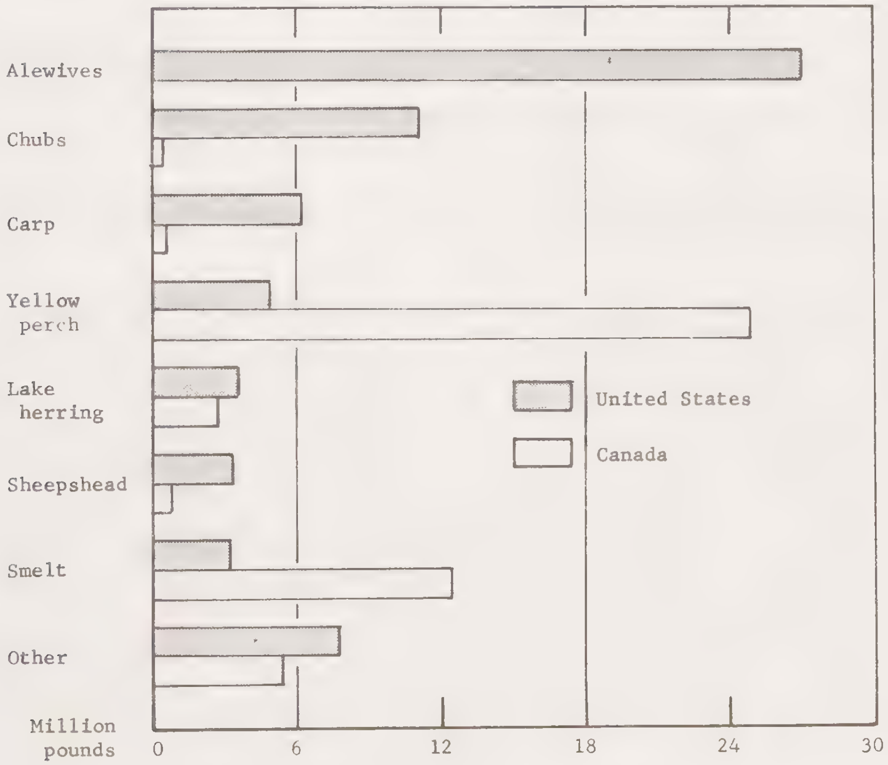
(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1968 - Continued

SPECIES	NAMAKAN LAKE - CONTINUED		RAINY LAKE			
	MINNESOTA - CONTINUED		MINNESOTA			
	TOTAL		GILL NETS 4 - 7 INCH MESH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT.	1,800	$55	6,500	$200	6,500	$200
PIKE OR PICKEREL.	-	-	4,400	270	4,400	270
SUCKERS	3,400	102	15,000	453	15,000	453
TULLIBEE.	5,200	155	8,100	240	8,100	240
WHITEFISH, COMMON	17,200	4,303	47,200	11,800	47,200	11,800
YELLOW PERCH.	-	-	100	4	100	4
YELLOW PIKE	-	-	7,200	2,150	7,200	2,150
TOTAL	27,600	4,615	88,500	15,117	88,500	15,117

1/ LESS THAN 50 POUNDS OR 50 CENTS.

UNITED STATES AND CANADIAN CATCH, 1968



SECTION 9 - MISSISSIPPI RIVER FISHERIES

The commercial catch of fish and shellfish from the waters of the Mississippi River and its tributaries was 72.9 million pounds worth $8.3 million--7.7 million pounds and $121,000 less than in the previous year. A smaller take of mussel shells--5.9 million pounds in 1968 compared with 13.6 million in 1967--was the principal cause of the decline.

Five items--buffalofish, carp, catfish and bullheads, mussel shells, and sheepshead accounted for 85 percent of the volume and 82 percent of the value. The catch was taken by 12,031 fishermen, using 10,221 motor boats, and 185 other boats--a decrease of 197 fishermen, but a gain of 592 motor boats and 7 other boats compared with 1967.

Wisconsin led in volume of the catch with 11 million pounds followed by Louisiana (9.5 million), Minnesota (9.3 million), Tennessee (8.2 million), Arkansas (5.6 million), and Illinois (5.1 million pounds).

The value of processed products was $17.1 million--$3.5 million more than in 1967. The value increased in all States except Kansas, Kentucky, and Nebraska together. Mississippi and Missouri together accounted for 36 percent of the total value; North Dakota, Oklahoma, Tennessee, and Texas together, 27 percent; and Wisconsin, 20 percent.

Beginning with the 1964 report, the Mississippi River section has included some data from river systems not connected with or draining into the Mississippi River as its tributaries. For example, salmon are reported in the section. These were taken from waters draining into the Pacific Ocean. Catches are also reported from river systems draining north into Hudson Bay and south into the Gulf of Mexico.

Condensed summary data on the operating units and catch by States of the Mississippi River Fisheries appearing on the following pages have been published previously in Current Fishery Statistics No. 5378.

The following organizations helped collect the data appearing in this section: Alabama Department of Conservation, Division of Game and Fish; Arizona Game and Fish Department; Arkansas Game and Fish Commission, Division of Fisheries; Colorado Game, Fish and Parks Department; Idaho Fish and Game Department; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Iowa State Conservation Commission, Division of Fish and Game; Kansas Forestry, Fish and Game Commission, Fisheries Division; Kentucky Department of Fish and Wildlife Resources; Louisiana Wild Life and Fisheries Commission; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; Mississippi Game and Fish Commission; Missouri Conservation Commission; Montana Department of Fish and Game, Fisheries Management; Nebraska Game, Forestation and Parks Commission, Fishery Division; New Mexico Department of Game and Fish; North Dakota Game and Fish Department, Fisheries Division; Oklahoma Department of Wildlife Conservation, Division of Fisheries; South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission, Fish Management Division; Texas Game and Fish Commission; Inland Fisheries; Utah State Fish and Game Department; Wisconsin Conservation Department, Fish Management Division; Wyoming Game and Fish Commission; and the Tennessee Valley Authority, Fish and Game Branch.

MISSISSIPPI RIVER FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	2,905	437	140	24	3,045	461
ARIZONA	23	4	-	-	23	4
ARKANSAS	5,274	852	330	49	5,604	901
IDAHO	2,261	57	-	-	2,261	57
ILLINOIS	4,743	587	342	27	5,085	614
INDIANA	70	12	698	70	768	82
IOWA	3,242	332	-	-	3,242	332
KANSAS	26	7	9	1	35	8
KENTUCKY	2,658	545	261	18	2,919	563
LOUISIANA	5,467	754	4,000	744	9,467	1,498
MINNESOTA	9,283	911	-	-	9,283	911
MISSISSIPPI	2,619	469	(1)	(1)	2,619	469
MISSOURI	696	104	1	(1)	697	104
MONTANA	1,340	82	-	-	1,340	82
NEBRASKA	545	29	-	-	545	29
NEW MEXICO	47	10	-	-	47	10
NORTH DAKOTA	239	21	-	-	239	21
OKLAHOMA	873	132	-	-	873	132
SOUTH DAKOTA	3,837	283	-	-	3,837	283
TENNESSEE	4,080	566	4,156	253	8,236	819
TEXAS	1,288	204	1	(1)	1,289	204
UTAH	309	9	139	56	448	65
WISCONSIN	10,984	609	6	1	10,990	610
TOTAL	62,809	7,016	10,083	1,243	72,892	8,259

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF OPERATING UNITS, 1968

ITEM	ALABAMA	ARIZONA	ARKANSAS	IDAHO	ILLINOIS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	133	2	409	9	114
CASUAL	148	2	1,568	1,431	436
TOTAL	281	4	1,977	1,440	550
BOATS:					
MOTOR	281	4	1,977	1,440	424
OTHER	-	-	-	9	1
GEAR:					
HAUL SEINES, COMMON	-	-	9	9	31
LENGTH, YARDS	-	-	3,000	600	9,200
FYKE AND HOOP NETS, FISH	-	-	7,047	-	4,879
POTS AND TRAPS, WIRE BASKETS	205	-	-	-	1,914
GILL NETS, ANCHOR, SET OR STAKE	496	32	619	-	35
SQUARE YARDS	131,900	9,600	123,800	-	3,886
TRAMMEL NETS	68	-	1,018	-	431
SQUARE YARDS	18,080	-	270,788	-	83,486
LINES:					
HAND	-	-	-	1,431	-
HOOKS	-	-	-	1,431	-
LONG OR SET WITH HOOKS	2,400	-	2,157	-	399
HOOKS	240,000	-	107,850	-	39,660
SNAG	730	-	3,793	-	-
HOOKS	365,000	-	1,137,900	-	-
DIP NETS, COMMON	7	-	23	-	-
DREDGES, MUSSEL	-	-	10	-	-
YARDS AT MOUTH	-	-	10	-	-
CROWFOOT BARS	34	-	460	-	120
DIVING OUTFITS	-	-	6	-	-

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	INDIANA	IOWA	KANSAS	KENTUCKY	LOUISIANA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	6	117	-	126	299
CASUAL	922	360	47	589	1,135
TOTAL	928	477	47	715	1,434
BOATS:					
MOTOR	141	454	13	689	1,426
OTHER	-	35	-	-	8
GEAR:					
HAUL SEINES, COMMON	-	37	2	-	6
LENGTH, YARDS	-	10,020	155	-	3,100
WEIRS	-	10	-	-	-
POUND NETS, FISH	-	3	-	-	-
FYKE AND HOOP NETS, FISH	155	3,057	66	3,256	29,457
POTS AND TRAPS:					
CRAWFISH	-	-	-	-	61,772
FISH	-	5,121	-	-	-
SHRIMP	-	-	-	-	130
TURTLE	-	-	-	-	49
GILL NETS, ANCHOR, SET OR STAKE	-	383	-	128	1,326
SQUARE YARDS	-	30,402	-	24,200	518,158
TRAMMEL NETS	-	314	8	250	836
SQUARE YARDS	-	68,200	1,220	50,000	191,675
LINES:					
HAND	-	-	-	-	185
HOOKS	-	-	-	-	185
LONG OR SET WITH HOOKS	53	1,982	42	2,300	1,594
HOOKS	2,970	198,200	336	200,000	256,800
SNAG	-	-	-	730	-
HOOKS	-	-	-	281,000	-
ELECTRICAL DEVICES	-	4	-	-	-
DIP NETS, COMMON	-	-	-	14	175
TONGS	-	-	-	-	171
CROWFOOT BARS	126	-	-	84	-

ITEM	MINNESOTA	MISSISSIPPI	MISSOURI	MONTANA	NEBRASKA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	289	165	16	10	28
CASUAL	279	525	369	2	134
TOTAL	568	690	385	12	162
BOATS:					
MOTOR	281	633	371	9	145
OTHER	43	11	-	2	8
GEAR:					
HAUL SEINES, COMMON	30	21	4	3	8
LENGTH, YARDS	22,942	7,100	417	1,133	1,217
WEIRS	57	-	-	-	-
POUND NETS, FISH	5	-	-	-	-
TRAP NETS	185	-	-	16	-
FYKE AND HOOP NETS, FISH	3,174	3,390	1,149	-	310
POTS AND TRAPS, WIRE BASKETS	-	-	-	-	145
GILL NETS, ANCHOR, SET OR STAKE	235	853	-	18	-
SQUARE YARDS	339,963	327,450	-	3,600	-
TRAMMEL NETS	-	105	212	30	105
SQUARE YARDS	-	37,000	35,776	6,000	14,400
LINES:					
LONG OR SET WITH HOOKS	64	1,505	209	-	1
HOOKS	16,420	377,250	19,565	-	100
SNAG	-	491	-	-	-
HOOKS	-	613,700	-	-	-
DIP NETS, COMMON	3	-	-	-	-
CROWFOOT BARS	-	-	4	-	-

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

SUMMARY OF OPERATING UNITS, 1968 - Continued

ITEM	NEW MEXICO	NORTH DAKOTA	OKLAHOMA	SOUTH DAKOTA	TENNESSEE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	1	-	50	32	359
CASUAL	1	11	32	42	646
TOTAL	2	11	82	74	1,005
BOATS:					
MOTOR	1	4	82	24	971
OTHER	-	-	-	7	-
GEAR:					
HAUL SEINES, COMMON	-	1	-	7	-
LENGTH, YARDS	-	1,333	-	7,000	-
FYKE AND HOOP NETS:					
FISH	-	120	-	5,580	3,288
TURTLE	-	-	-	-	100
GILL NETS, ANCHOR, SET OR STAKE	16	-	344	45	86
SQUARE YARDS	3,200	-	137,400	9,000	19,835
TRAMMEL NETS	-	-	58	-	767
SQUARE YARDS	-	-	15,370	-	200,670
LINES:					
LONG OR SET WITH HOOKS	-	-	-	-	4,011
HOOKS	-	-	-	-	365,450
SNAG	-	-	-	-	701
HOOKS	-	-	-	-	333,340
DIP NETS, COMMON	-	-	-	-	24
CROWFOOT BARS	-	-	-	-	354
DIVING OUTFITS	-	-	-	-	20

ITEM	TEXAS	UTAH	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	79	4	142	2,390
CASUAL	214	5	743	9,641
TOTAL	293	9	885	12,031
BOATS:				
MOTOR	257	2	592	10,221
OTHER	-	1	53	185
GEAR:				
HAUL SEINES, COMMON	-	1	42	211
LENGTH, YARDS	-	400	26,857	94,474
OTTER TRAWLS, FISH	-	-	1	1
YARDS AT MOUTH	-	-	13	13
WEIRS	-	-	3	70
POUND NETS, FISH	-	-	-	8
TRAP NETS	-	-	106	307
FYKE AND HOOP NETS:				
FISH	291	-	966	66,185
TURTLE	-	-	-	100
POTS AND TRAPS:				
CRAWFISH	-	-	-	61,772
FISH	-	-	-	5,121
SHRIMP	-	-	-	130
TURTLE	-	-	-	49
WIRE BASKETS	-	-	-	2,264
SLAT TRAPS	-	-	1,372	1,372
GILL NETS, ANCHOR, SET OR STAKE	554	-	92	5,262
SQUARE YARDS	119,400	-	80,169	1,881,963
TRAMMEL NETS	48	-	7	4,257
SQUARE YARDS	9,600	-	1,103	1,003,368
LINES:				
HAND	-	-	-	1,616
HOOKS	-	-	-	1,616
LONG OR SET WITH HOOKS	577	-	454	17,748
HOOKS	44,200	-	124,259	1,993,060
SNAG	-	-	-	6,445
HOOKS	-	-	-	2,730,940
ELECTRICAL DEVICES	-	-	1	5
DIP NETS, COMMON	-	-	-	246
BRAIL OR SCOOP NETS	-	3	-	3
DREDGES, MUSSEL	-	-	-	10
YARDS AT MOUTH	-	-	-	10
TONGS	-	-	-	1[illegible]1
CROWFOOT BARS	-	-	-	1,1[illegible]
DIVING OUTFITS	-	-	-	2[illegible]

CATCH BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALABAMA		ARIZONA		ARKANSAS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	-	-	12	1
BUFFALOFISH	1,335	130	21	4	2,823	423
CARP.	356	17	2	(1	926	46
CATFISH AND BULLHEADS . . .	919	276	-	-	979	343
GARFISH	-	-	-	-	275	14
GIZZARD SHAD.	75	3	-	-	-	-
PADDLEFISH.	79	6	-	-	22	3
QUILLBACK	7	(1)	-	-	69	3
SHEEPSHEAD.	127	5	-	-	101	15
STURGEON, SHOVELNOSE. . . .	-	-	-	-	4	1
SUCKERS	7	1)	-	-	63	3
TOTAL FISH.	2,905	437	23	4	5,274	852
SHELLFISH, ETC.						
MUSSEL SHELLS	140	24	-	-	300	32
TURTLES:						
BABY.	-	-	-	-	2	15
SLIDER.	-	-	-	-	17	1
SNAPPER	-	-	-	-	11	1
TOTAL SHELLFISH ETC.	140	24	-	-	330	49
GRAND TOTAL	3,045	461	23	4	5,604	901

SPECIES	IDAHO		ILLINOIS		INDIANA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN.	-	-	1	(1)	-	-
BUFFALOFISH	-	-	1,792	211	31	4
CARP.	1,338	27	1,642	85	5	1
CATFISH AND BULLHEADS . . .	-	-	794	244	12	4
CHUBS	55	1	-	-	-	-
EEL, COMMON	-	-	1	(1)	-	-
GARFISH	-	-	10	(1)	-	-
MOONEYE	-	-	1	(1)	-	-
PADDLEFISH.	-	-	90	11	1	(1)
QUILLBACK	-	-	80	4	2	(1)
SALMON, RED OR SOCKEYE. . .	22	12	-	-	-	-
SHEEPSHEAD.	-	-	319	30	2	(1)
STURGEON, SHOVELNOSE. . . .	-	-	9	2	8	2
SUCKERS	846	17	4	(1)	9	1
YELLOW PERCH.	-	-	(1)	(1)	-	-
TOTAL FISH.	2,261	57	4,743	587	70	12
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	328	23	698	70
TURTLES, SNAPPER.	-	-	14	4	-	-
TOTAL SHELLFISH, ETC.	-	-	342	27	698	70
GRAND TOTAL	2,261	57	5,085	614	768	82

SPECIES	IOWA		KANSAS		KENTUCKY	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN.	3	(1)	-	-	-	-
BUFFALOFISH	864	93	5	1	675	97
CARP.	1,351	42	17	4	253	13
CATFISH AND BULLHEADS . . .	542	159	4	2	1,326	410
EEL, COMMON	(1)	(1)	-	-	-	-
GARFISH	7	(1)	-	-	-	-
GIZZARD SHAD.	-	-	-	-	255	9
PADDLEFISH.	26	3	-	-	73	10
QUILLBACK	1	(1)	(1)	(1)	6	1
SHEEPSHEAD.	371	29	-	-	53	3
STURGEON, SHOVELNOSE. . . .	15	4	-	-	4	1
SUCKERS	62	2	-	-	13	1
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	(1)	(1)	-	-	-	-
TOTAL FISH.	3,242	332	26	7	2,658	545
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	9	1	261	18
TURTLES, UNCLASSIFIED . . .	(1)	(1)	-	-	-	-
TOTAL SHELLFISH, ETC.	(1)	(1)	9	1	261	18
GRAND TOTAL	3,242	332	35	8	2,919	563

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		MINNESOTA		MISSISSIPPI	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	56	3	18	(1)	7	(1)
BUFFALOFISH	1,891	249	1,430	200	1,490	221
BURBOT	-	-	18	(1)	-	-
CARP	134	5	3,801	135	346	19
CATFISH AND BULLHEADS	1,284	367	2,194	170	670	221
CHUBS	-	-	3	1	-	-
CRAPPIE	-	-	(1)	(1)	-	-
GARFISH	364	28	11	(1)	32	2
GIZZARD SHAD	1,151	40	1	(1)	-	-
LAKE HERRING	-	-	22	3	-	-
MINNOW	-	-	(1)	(1)	-	-
MOONEYE	-	-	3	(1)	-	-
PADDLEFISH	18	1	-	-	23	3
PIKE OR PICKEREL	-	-	26	3	-	-
QUILLBACK	-	-	2	(1)	3	(1)
SHEEPSHEAD	569	61	382	18	45	3
STURGEON, SHOVELNOSE	-	-	-	-	(1)	(1)
SUCKERS	-	-	85	2	3	(1)
WHITE BASS	-	-	15	2	-	-
WHITEFISH, COMMON	-	-	27	13	-	-
YELLOW PERCH	-	-	589	148	-	-
YELLOW PIKE	-	-	656	216	-	-
TOTAL FISH	5,467	754	9,283	911	2,619	469
SHELLFISH, ETC.						
CRAWFISH	3,922	698	-	-	-	-
SHRIMP	1	1	-	-	-	-
TURTLES:						
BABY	1	8	-	-	-	-
SNAPPER	33	9	-	-	(1)	(1)
SOFT-SHELL	(1)	2	-	-	-	-
FROGS	43	26	-	-	-	-
TOTAL SHELLFISH, ETC.	4,000	744	-	-	(1)	(1)
GRAND TOTAL	9,467	1,498	9,283	911	2,619	469

SPECIES	MISSOURI		MONTANA		NEBRASKA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	(1)	(1)	-	-	-	-
BUFFALOFISH	194	35	352	52	36	5
CARP	258	18	858	19	363	11
CATFISH AND BULLHEADS	102	33	12	4	61	11
EEL, COMMON	1	(1)	-	-	-	-
GARFISH	24	2	-	-	-	-
GIZZARD SHAD	-	-	-	-	35	1
GOLDFISH	-	-	-	-	8	(1)
MOONEYE	-	-	29	5	-	-
PADDLEFISH	14	2	-	-	-	-
QUILLBACK	37	4	81	2	18	(1)
SHEEPSHEAD	60	[illegible]	5	(1)	3	(1)
STURGEON, SHOVELNOSE	3	1	-	-	-	-
SUCKERS	3	(1)	3	(1)	21	1
TOTAL FISH	696	104	1,340	82	545	29
SHELLFISH, ETC.						
MUSSEL SHELLS	1	(1)	-	-	-	-
TOTAL SHELLFISH, ETC.	1	(1)	-	-	-	-
GRAND TOTAL	697	104	1,340	82	545	29

SPECIES	NEW MEXICO		NORTH DAKOTA		OKLAHOMA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUFFALOFISH	45	10	147	13	565	79
CARP	1	(1)	15	1	96	5
CATFISH AND BULLHEADS	-	-	66	6	106	37
GARFISH	-	-	-	-	2	(1)
PADDLEFISH	-	-	1	(1)	7	1
QUILLBACK	1	(1)	-	-	78	7
SHEEPSHEAD	-	-	-	-	12	1
SUCKERS	-	-	(1)	(1)	-	-
WHITE BASS	-	-	-	-		2
YELLOW PERCH	-	-	10	1	-	-
TOTAL FISH	47	10	239	21	873	132
GRAND TOTAL	47	10	239	21	873	132

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

CATCH BY STATES, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	SOUTH DAKOTA		TENNESSEE		TEXAS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	26	1	1	(1)
BUFFALOFISH	1,334	133	1,536	156	897	127
CHUBS	1,385	39	766	31	89	5
CATFISH AND BULLHEADS	910	76	1,114	330	176	63
CRAPPIE	-	-	57	17	-	-
GARFISH	-	-	-	-	82	5
MOONEYE	99	30	-	-	-	-
PADDLEFISH	-	-	88	9	-	-
QUILLBACK	-	-	89	4	12	-
SHEEPSHEAD	30	2	388	17	30	3
STURGEON, SHOVELNOSE	-	-	2	(1)	-	-
SUCKERS	79	3	2	(1)	1	(1)
YELLOW BASS	-	-	12	1	-	-
TOTAL FISH	3,837	283	4,080	566	1,288	204
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	4,147	244	-	-
PEARLS AND SLUGS	-	-	-	3	-	-
TURTLES:						
BABY	-	-	1	5	-	-
SNAPPER	-	-	8	1	1	(1)
TOTAL SHELLFISH, ETC.	-	-	4,156	253	1	(1)
GRAND TOTAL	3,837	283	8,236	619	1,289	204

SPECIES	UTAH		WISCONSIN		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	7	(1)	131	5
BUFFALOFISH	-	-	928	133	18,391	2,376
BURBOT	-	-	65	4	83	4
CARP	309	9	7,096	217	21,407	749
CATFISH AND BULLHEADS	-	-	606	153	11,877	2,909
CHUBS	-	-	-	-	58	2
CRAPPIE	-	-	-	-	57	17
EEL, COMMON	-	-	(1)	(1)	2	(1)
GARFISH	-	-	16	(1)	823	51
GIZZARD SHAD	-	-	-	-	1,517	53
GOLDFISH	-	-	-	-	8	(1)
LAKE HERRING	-	-	-	-	22	3
MINNOW	-	-	-	-	(1)	(1)
MOONEYE	-	-	1	(1)	133	35
PADDLEFISH	-	-	-	-	442	49
PIKE OR PICKEREL	-	-	-	-	26	3
QUILLBACK	-	-	31	1	517	27
SALMON, RED OR SOCKEYE	-	-	-	-	22	12
SHEEPSHEAD	-	-	1,920	92	4,417	288
STURGEON, SHOVELNOSE	-	-	1	(1)	46	11
SUCKERS	-	-	313	9	1,514	39
WHITE BASS	-	-	-	-	22	4
WHITEFISH, COMMON	-	-	-	-	27	13
YELLOW BASS	-	-	-	-	12	1
YELLOW PERCH	-	-	-	-	599	149
YELLOW PIKE	-	-	-	-	656	216
UNCLASSIFIED:						
FOR FOOD	-	-	(1)	(1)	(1)	(1)
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	(1)	(1)
TOTAL FISH	309	9	10,984	609	62,809	7,016
SHELLFISH, ETC.						
ARTEMIA (BRINE SHRIMP) EGGS	139	56	-	-	139	56
CRAWFISH	-	-	-	-	3,922	698
SHRIMP	-	-	-	-	1	1
MUSSEL SHELLS	-	-	-	-	5,884	412
PEARLS AND SLUGS	-	-	-	-	-	3
TURTLES:						
BABY	-	-	-	-	4	28
SLIDER	-	-	-	-	17	1
SNAPPER	-	-	6	1	73	16
SOFT-SHELL	-	-	-	-	(1)	2
UNCLASSIFIED	-	-	-	-	(1)	(1)
FROGS	-	-	-	-	43	26
TOTAL SHELLFISH, ETC.	139	56	6	1	10,083	1,243
GRAND TOTAL	448	65	10,990	610	72,892	8,259

1/ LESS THAN 500 POUNDS OR $500.

MISSISSIPPI RIVER FISHERIES

SUMMARY OF CATCH BY MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA		RED RIVER DRAINAGE AREA	
					OUACHITA RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	14	1	22	1	8	(1)
BUFFALOFISH	2,506	321	827	109	249	33
CARP	5,393	203	35	2	12	1
CATFISH AND BULLHEADS	1,874	538	812	233	120	34
EEL, COMMON	2	(1)	-	-	-	-
GARFISH	69	4	172	13	60	5
GIZZARD SHAD	-	-	526	18	-	-
MOONEYE	1	(1)	-	-	-	-
PADDLEFISH	120	14	5	(1)	6	(1)
QUILLBACK	85	4	-	-	-	-
SHEEPSHEAD	1,624	129	359	38	31	3
STURGEON, SHOVELNOSE	28	7	-	-	-	-
SUCKERS	112	3	-	-	-	-
YELLOW PERCH	(1)	(1)	-	-	-	-
UNCLASSIFIED, FOR FOOD	(1)	(1)	-	-	-	-
CRAWFISH	10	2	3,814	679	-	-
SHRIMP	1	1	-	-	-	-
MUSSEL SHELLS	1	(1)	-	-	-	-
TURTLES:						
BABY	-	-	-	-	1	4
SNAPPER	14	3	19	5	8	2
SOFT-SHELL	-	-	-	-	(1)	1
UNCLASSIFIED	-	(1)	-	-	-	-
FROGS	(1)	(1)	37	22	1	1
TOTAL	11,854	1,230	6,628	1,120	496	84

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	RED RIVER DRAINAGE AREA - CONTINUED		ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	UNCLASSIFIED					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	25	1	6	(1)	(1)	(1)
BUFFALOFISH	1,937	275	1,758	262	1,938	214
CARP	400	19	550	27	2,159	65
CATFISH AND BULLHEADS	586	192	740	259	781	88
GARFISH	243	15	92	4	3	(1)
GIZZARD SHAD	500	18	-	-	35	1
GOLDFISH	-	-	-	-	8	(1)
MOONEYE	-	-	-	-	128	35
PADDLEFISH	11	1	20	3	9	1
QUILLBACK	93	8	53	2	119	5
SHEEPSHEAD	207	23	52	8	27	2
STURGEON, SHOVELNOSE	(1)	(1)	3	1	1	(1)
SUCKERS	27	1	35	2	106	3
WHITE BASS	(1)	(1)	7	2	-	-
CRAWFISH	90	16	-	-	-	-
MUSSEL SHELLS	-	-	228	30	-	-
TURTLES:						
BABY	(1)	3	-	-	-	-
SNAPPER	3	1	-	-	-	-
SOFT-SHELL	(1)	1	-	-	-	-
FROGS	3	2	-	-	-	-
TOTAL	4,125	576	3,544	600	5,314	414

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA					
	OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	(1)	(1)	-	-	-	-
BUFFALOFISH	244	32	2,353	230	180	24
CARP	105	6	888	35	96	5
CATFISH AND BULLHEADS	293	90	2,834	854	93	29
EEL, COMMON	(1)	(1)	-	-	-	-
GIZZARD SHAD	-	-	330	12	-	-
PADDLEFISH	14	2	176	17	46	6
QUILLBACK	4	(1)	81	4	5	(1)
SHEEPSHEAD	39	1	242	12	20	2
STURGEON, SHOVELNOSE	2	1	-	-	(1)	(1)
SUCKERS	6	1	7	(1)	3	(1)
MUSSEL SHELLS	239	17	4,288	267	-	-
PEARLS AND SLUGS	-	-	-	3	-	-
TOTAL	946	150	11,199	1,434	443	66

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

SUMMARY OF CATCH BY MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA - CONTINUED				ILLINOIS RIVER DRAINAGE AREA	
	WABASH RIVER DRAINAGE AREA		UNCLASSIFIED			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	-	-	1	(1)
BUFFALOFISH	36	5	342	50	849	95
CARP	14	1	82	5	543	28
CATFISH AND BULLHEADS	20	5	75	24	96	25
EEL, COMMON	(1)	(1)	-	-	-	-
GARFISH	-	-	-	-	5	(1)
PADDLEFISH	1	(1)	8	2	1	(1)
QUILLBACK	18	2	2	(1)	6	(1)
SHEEPSHEAD	3	(1)	14	1	20	1
STURGEON, SHOVELNOSE	9	2	1	(1)	-	-
SUCKERS	9	1	7	(1)	-	-
MUSSEL SHELLS	840	84	22	1	186	9
TURTLES, SNAPPER	-	-	-	-	2	1
TOTAL	950	100	553	83	1,709	159

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED				NORTHERN DRAINAGE AREA	
	ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA	
					RED LAKE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	48	2	-	-
BUFFALOFISH	6	1	4,188	582	-	-
BURBOT	-	-	13	(1)	-	-
CARP	235	11	4,117	158	-	-
CATFISH AND BULLHEADS	(1)	(1)	2,656	470	1	(1)
CHUBS	-	-	-	-	3	1
CRAPPIE	-	-	57	17	(1)	(1)
GARFISH	1	(1)	113	6	-	-
GIZZARD SHAD	-	-	126	4	-	-
MINNOW	-	-	(1)	(1)	-	-
MOONEYE	-	-	-	-	3	(1)
PADDLEFISH	-	-	25	3	-	-
PIKE OR PICKEREL	-	-	-	-	26	3
QUILLBACK	1	(1)	47	2	-	-
SHEEPSHEAD	28	1	557	29	93	3
STURGEON, SHOVELNOSE	-	-	2	(1)	-	-
SUCKERS	3	(1)	65	2	-	-
WHITE BASS	-	-	15	2	-	-
WHITEFISH, COMMON	-	-	-	-	11	5
YELLOW BASS	-	-	12	1	-	-
YELLOW PERCH	1	(1)	52	2	529	146
YELLOW PIKE	-	-	-	-	656	216
CRAWFISH			8	1	-	-
MUSSEL SHELLS	-	-	80	4	-	-
TURTLES:						
BABY	-	-	3	21	-	-
SLIDER	-	-	17	1	-	-
SNAPPER	-	-	27	4	-	-
FROGS	-	-	2	1	-	-
TOTAL	275	13	12,230	1,312	1,322	374

SPECIES	NORTHERN DRAINAGE AREA - CONTINUED			
	RED RIVER OF THE NORTH DRAINAGE AREA - CONTINUED		UNCLASSIFIED	
	UNCLASSIFIED			
	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	6	(1)	1	(1)
BUFFALOFISH	2	(1)	253	38
BURBOT	3	(1)	67	4
CARP	1,050	33	4,008	110
CATFISH AND BULLHEADS	771	58	120	9
GARFISH	-	-	5	(1)
LAKE HERRING	-	-	22	3
MOONEYE	-	-	1	(1)
SHEEPSHEAD	44	3	1,053	32
SUCKERS	(1)	(1)	287	9
WHITEFISH, COMMON	-	-	16	8
YELLOW PERCH	11	1	6	(1)
UNCLASSIFIED, FOR FOOD	-	-	(1)	(1)
TOTAL	1,887	95	5,839	213

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

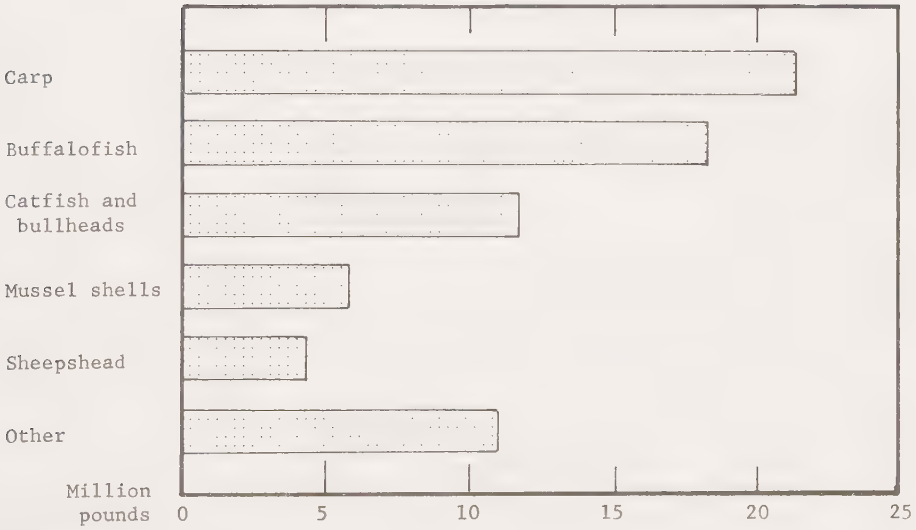
SUMMARY OF CATCH BY MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GULF OF MEXICO DRAINAGE AREA		PACIFIC OCEAN DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	(1)	(1)	-	-
BUFFALOFISH	702	101	21	4
CARP	71	4	1,649	36
CATFISH AND BULLHEADS	5	1	-	-
CHUBS	-	-	55	1
GARFISH	60	4	-	-
QUILLBACK	3	(1)	-	-
SALMON, RED OR SOCKEYE	-	-	22	12
SHEEPSHEAD	4	(1)	-	-
SUCKERS	1	(1)	846	17
ARTEMIA (BRINE SHRIMP) EGGS	-	-	139	56
TURTLES, SNAPPER	(1)	(1)	-	-
TOTAL	846	110	2,732	126

1/ LESS THAN 500 POUNDS OR $500.

MISSISSIPPI RIVER CATCH, 1968



MISSISSIPPI RIVER FISHERIES

PROCESSED FISHERY PRODUCTS, 1968

ITEM	STATE		QUANTITY	VALUE
BUFFALOFISH:				
FILLETS, FRESH	IOWA	POUNDS	(1)	(1)
SMOKED	IOWA	DO	(1)	(1)
CARP:				
FILLETS, FRESH AND FROZEN	ILLINOIS, IOWA, WISCONSIN	DO	1,551,600	$338,581
SMOKED	ILLINOIS, IOWA, WISCONSIN NORTH DAKOTA	DO	201,150	75,360
MEAL AND SCRAP	IOWA	TONS	(1)	(1)
OIL	IOWA	1,000 POUNDS	(1)	(1)
CATFISH:				
DRESSED, SKINS OFF, FROZEN	MISSISSIPPI	POUNDS	(1)	(1)
FILLETS:				
FRESH AND FROZEN	ILLINOIS	DO	(1)	(1)
BREADED RAW, FROZEN	ILLINOIS, MISSOURI	DO	(1)	(1)
SMOKED	ILLINOIS	DO	(1)	(1)
CHUBS, SMOKED	IOWA, MINNESOTA	DO	52,500	21,440
COD:				
FILLETS AND STEAKS, BREADED, RAW FROZEN	MISSOURI, TENNESSEE	DO	(1)	(1)
SMOKED	NORTH DAKOTA	DO	(1)	(1)
LUTEFISK	MINNESOTA, NORTH DAKOTA	DO	1,045,800	344,364
FLOUNDER, FROZEN:				
FILLETS, BREADED RAW	MISSOURI	DO	(1)	(1)
SPECIALTIES (BREADED RAW AND STUFFED)	TEXAS	DO	(1)	(1)
HADDOCK FILLETS, BREADED RAW, FROZEN	MISSOURI	DO	(1)	(1)
HALIBUT, SMOKED	NORTH DAKOTA	DO	(1)	(1)
HERRING:				
LAKE, SALTED	IOWA, MINNESOTA	DO	(1)	(1)
SEA, SALTED	MINNESOTA	DO	(1)	(1)
LAKE TROUT, SMOKED	MINNESOTA	DO	(1)	(1)
OCEAN PERCH FILLETS, BREADED RAW, FROZEN	TENNESSEE, WISCONSIN	DO	(1)	(1)
PADDLEFISH, SMOKED	ILLINOIS	DO	(1)	(1)
PIKE OR PICKEREL FILLETS, FRESH	MINNESOTA	DO	(1)	(1)
POLLOCK FILLETS, BREADED RAW, FROZEN	MISSOURI	DO	(1)	(1)
SABLEFISH, SMOKED	MINNESOTA	DO	(1)	(1)
SALMON, SMOKED	IOWA, MINNESOTA, NORTH DAKOTA	DO	12,800	12,130
SAUGER FILLETS, FROZEN	ILLINOIS	DO	(1)	(1)
SHEEPSHEAD, SMOKED	IOWA	DO	(1)	(1)
STURGEON, SMOKED	ILLINOIS, IOWA	DO	13,200	12,350
WHITEFISH, SMOKED	IOWA, MINNESOTA, NORTH DAKOTA	DO	106,000	54,725
WHITING:				
FILLETS, BREADED RAW, FROZEN	MISSOURI	DO	(1)	(1)
SMOKED	IOWA, NEBRASKA	DO	65,000	30,500
YELLOW PERCH, FILLETS:				
FRESH	ILLINOIS, MINNESOTA	DO	(1)	(1)
BREADED RAW, FROZEN	WISCONSIN	DO	(1)	(1)
YELLOW PIKE, FILLETS:				
FRESH	ILLINOIS, MINNESOTA	DO	56,000	50,680
BREADED RAW, FROZEN	WISCONSIN	DO	(1)	(1)
CRAB SPECIALTIES, FROZEN (DEVILED)	KENTUCKY	DO	(1)	(1)
CRAWFISH, COOKED MEAT, FRESH	LOUISIANA	DO	193,889	372,969
SHRIMP, FROZEN:				
PEELED AND DEVEINED:				
RAW	TENNESSEE	DO	(1)	(1)
COOKED	TENNESSEE	DO	(1)	(1)
BREADED RAW	KENTUCKY, OKLAHOMA, TEXAS, WISCONSIN	DO	4,878,733	4,192,481
SPECIALTIES (PATTIES, STUFFED AND PORTIONS)	MINNESOTA, TEXAS	DO	(1)	(1)
CLAMS, HARD, BREADED RAW	KENTUCKY	DO	(1)	(1)
MUSSEL SHELL, DUST AND CHIPS	IOWA	TONS	(1)	(1)
OYSTERS, BREADED RAW, FROZEN	KENTUCKY, TENNESSEE	POUNDS	(1)	(1)
SCALLOPS, SEA, BREADED RAW, FROZEN	KENTUCKY, TENNESSEE, WISCONSIN	DO	207,652	267,864
TURTLE MEAT, RAW, FROZEN	ILLINOIS, WISCONSIN	DO	(1)	(1)
FROG LEGS, FROZEN	WISCONSIN	DO	(1)	(1)
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED FISH:				
STICKS	MISSOURI, TENNESSEE, WISCONSIN	DO	2,054,292	621,468
PORTIONS	KENTUCKY, MISSOURI, TEXAS WISCONSIN	DO	17,130,631	6,041,627
FISH AND SHELLFISH	ILLINOIS, IOWA, MINNESOTA, MISSOURI, MISSISSIPPI, TEXAS TENNESSEE, WISCONSIN	DO	3,230,509	2,104,938
CURED	ILLINOIS, IOWA, MINNESOTA, NORTH DAKOTA	DO	1,479,550	493,520
CANNED (ANIMAL FOOD)	KANSAS, NEBRASKA, WISCONSIN	STANDARD CASES	286,072	2,074,170
INDUSTRIAL	IOWA	-	-	(2)
TOTAL		-	-	17,109,167

1/ INCLUDED WITH UNCLASSIFIED.
2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY: THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

MISSISSIPPI RIVER FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1968

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	756
FROZEN	13,148
CANNED AND INDUSTRIAL	2,161
CURED	1,044
TOTAL	17,109

VALUE OF PROCESSED PRODUCTS, BY STATES, 1968

(THOUSANDS OF DOLLARS)

STATE	VALUE
ILLINOIS	302
IOWA	299
KANSAS, KENTUCKY, NEBRASKA	646
LOUISIANA	373
MINNESOTA	1,025
MISSISSIPPI, MISSOURI	6,201
NORTH DAKOTA, OKLAHOMA, TENNESSEE, TEXAS	4,565
WISCONSIN	3,473
TOTAL	17,109

WHOLESALING AND PROCESSING, 1968

ITEM	ALABAMA	ARKANSAS	ILLINOIS	INDIANA	IOWA
WHOLESALING AND PROCESSING:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	15	29	38	12	23
PERSONS ENGAGED:					
AVERAGE FOR SEASON	83	61	119	92	151
AVERAGE FOR YEAR	79	55	107	79	132

ITEM	KANSAS	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI
WHOLESALING AND PROCESSING:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	8	14	40	17	15
PERSONS ENGAGED:					
AVERAGE FOR SEASON	137	54	239	147	45
AVERAGE FOR YEAR	122	51	162	107	33

ITEM	MISSOURI	NEBRASKA	NORTH DAKOTA	OHIO	OKLAHOMA
WHOLESALING AND PROCESSING:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	35	8	5	6	13
PERSONS ENGAGED:					
AVERAGE FOR SEASON	365	39	29	6	59
AVERAGE FOR YEAR	301	38	15	6	59

ITEM	SOUTH DAKOTA	TENNESSEE	TEXAS	WISCONSIN	TOTAL
WHOLESALING AND PROCESSING:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	5	32	25	26	366
PERSONS ENGAGED:					
AVERAGE FOR SEASON	16	121	512	308	2,583
AVERAGE FOR YEAR	12	112	492	271	2,233

MISSISSIPPI RIVER FISHERIES

ALABAMA

OPERATING UNITS BY GEAR, 1968

ITEM	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		DIP NETS, COMMON	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
				LONG OR SET WITH HOOKS	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:								
REGULAR	21	47	19	110	70	3	3	133
CASUAL.	20	39	14	130	75	4	14	148
TOTAL	41	86	33	240	145	7	17	281
BOATS, MOTOR.	41	86	33	240	145	7	17	281
GEAR:								
NUMBER.	205	496	68	2,400	730	7	34	-
SQUARE YARDS.	-	131,900	18,080	-	-	-	-	-
HOOKS	-	-	-	240,000	365,000	-	-	-

ALABAMA - CATCH BY GEAR, 1968

SPECIES	POTS AND TRAPS, WIRE BASKETS		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	1,088,800	$106,158	225,000	$21,937
CARP.	-	-	256,800	12,070	85,000	3,995
CATFISH AND BULLHEADS . . .	30,500	$9,150	70,500	21,150	11,300	3,390
PADDLEFISH.	-	-	30,300	2,424	18,400	1,472
QUILLBACK	-	-	7,500	300	-	-
SHEEPSHEAD.	-	-	85,000	3,400	24,600	984
SUCKERS	-	-	5,000	250	1,600	80
TOTAL	30,500	9,150	1,543,900	145,752	365,900	31,858

SPECIES	LINES			
	LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	12,800	$1,248	8,200	$800
CARP.	7,500	352	7,000	329
CATFISH AND BULLHEADS . . .	681,900	204,570	125,000	37,500
PADDLEFISH.	300	24	29,700	2,376
SHEEPSHEAD.	11,200	448	6,200	248
TOTAL	713,700	206,642	176,100	41,253

SPECIES	DIP NETS, COMMON		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
GIZZARD SHAD.	75,000	$3,000	-	-
MUSSEL SHELLS	-	-	140,000	$23,625
TOTAL	75,000	3,000	140,000	23,625

NOTE:--THE COMMERCIAL FISHERIES OF ALABAMA WERE CONFINED TO THE TENNESSEE RIVER DRAINAGE AREA.

ARIZONA

THE COMMERCIAL FISHERIES OF ARIZONA WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA. THE CATCH WAS 21,400 POUNDS OF BUFFALOFISH, VALUED AT $4,280 AND 1,500 POUNDS OF CARP, VALUED AT $304. TWO REGULAR AND 2 CASUAL FISHERMEN EMPLOYING 4 MOTOR BOATS, FISHED 32 GILL NETS (ANCHOR, SET OR STAKE) WITH A TOTAL OF 9,600 SQUARE YARDS.

MISSISSIPPI RIVER FISHERIES

ARKANSAS

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES: LONG OR SET WITH HOOKS	LINES: SNAG
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	17	280	91	154	69	150
CASUAL.	8	926	184	181	228	471
TOTAL	25	1,206	275	335	297	621
BOATS:						
MOTOR	9	1,206	275	335	297	621
OTHER	4	-	-	-	-	-
GEAR:						
NUMBER.	9	7,047	619	1,018	2,157	3,793
LENGTH, YARDS	3,000	-	-	-	-	-
SQUARE YARDS.	-	-	123,800	270,788	-	-
HOOKS	-	-	-	-	107,850	1,137,900

ITEM	DIP NETS, COMMON	DREDGES, MUSSEL	CROWFOOT BARS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	8	-	-	-	-	409
CASUAL.	15	10	230	11	30	1,568
TOTAL	23	10	230	11	30	1,977
BOATS:						
MOTOR	8	1	230	11	30	1,977
OTHER	3	-	-	-	-	7
GEAR:						
NUMBER.	23	10	460	6	-	-
YARDS AT MOUTH.	-	10	-	-	-	-

ARKANSAS - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	6,700	$368	3,700	$204	900	$50
BUFFALOFISH	378,000	56,700	1,478,000	221,700	309,000	46,350
CARP.	67,000	3,350	376,500	18,825	212,500	10,625
CATFISH AND BULLHEADS . . .	60,300	21,105	428,100	149,835	111,000	38,850
GARFISH	56,500	2,825	57,000	2,850	48,500	2,425
PADDLEFISH.	800	120	12,300	1,845	4,000	600
QUILLBACK	7,400	370	61,700	3,085	-	-
SHEEPSHEAD.	10,000	1,500	52,300	7,845	15,300	2,295
STURGEON, SHOVELNOSE. . . .	1,000	200	3,300	660	-	-
SUCKERS	-	-	57,400	2,870	6,000	300
TURTLES:						
SLIDER.	2,100	100	15,000	720	-	-
SNAPPER	200	20	8,000	800	1,000	100
TOTAL	590,000	86,658	2,553,300	411,239	708,200	101,595

SPECIES	TRAMMEL NETS		LINES			
			LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	-	-	500	$28	-	-
BUFFALOFISH	449,500	$67,425	22,400	3,360	186,000	$27,900
CARP.	209,100	10,455	17,200	860	44,100	2,205
CATFISH AND BULLHEADS . . .	132,000	46,200	181,800	63,630	65,800	23,030
GARFISH	58,800	2,940	13,900	695	40,300	2,015
PADDLEFISH.	1,400	210	-	-	3,400	510
SHEEPSHEAD.	17,500	2,625	2,900	435	2,800	420
TURTLES, SNAPPER.	1,300	130	-	-	-	-
TOTAL	869,600	129,985	238,700	69,008	342,400	56,080

(CONTINUED ON NEXT PAGE)

ARKANSAS - CATCH BY GEAR, 1968 - Continued

SPECIES	DIP NETS, COMMON		DREDGES, MUSSEL		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	-	-	70,000	$7,300	170,000	$20,300
TURTLES, BABY	2,000	$15,000	-	-	-	-
TOTAL	2,000	15,000	70,000	7,300	170,000	20,300

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	20,000	$2,600	40,000	$1,600
TOTAL	20,000	2,600	40,000	1,600

ARKANSAS - CATCH BY WATERS, 1968

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		ARKANSAS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	5,100	$282	5,500	$302	1,200	$66
BUFFALOFISH	630,000	94,500	1,633,200	244,980	559,700	83,955
CARP.	257,600	12,880	525,300	26,265	143,500	7,175
CATFISH AND BULLHEADS . . .	161,000	56,350	647,400	226,590	170,600	59,710
GARFISH	129,700	6,485	91,800	4,590	53,500	2,675
PADDLEFISH.	4,800	720	12,800	1,920	4,300	645
QUILLBACK	10,000	500	47,500	2,375	11,600	580
SHEEPSHEAD.	39,800	5,970	47,300	7,095	13,700	2,055
STURGEON, SHOVELNOSE. . . .	300	60	3,000	600	1,000	200
SUCKERS	27,000	1,350	35,000	1,750	1,400	70
MUSSEL SHELLS	-	-	220,000	28,600	80,000	3,200
TURTLES:						
BABY.	-	-	-	-	2,000	15,000
SLIDER.	-	-	-	-	17,100	820
SNAPPER	-	-	-	-	10,500	1,050
TOTAL	1,265,300	179,097	3,268,800	545,067	1,070,100	177,201

IDAHO

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	LINES, HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	9	-	9
CASUAL.	-	1,431	1,431
TOTAL	9	1,431	1,440
BOATS:			
MOTOR	9	1,431	1,440
OTHER	9	-	9
GEAR:			
NUMBER.	9	1,431	-
LENGTH, YARDS	600	-	-
HOOKS	-	1,431	-

MISSISSIPPI RIVER FISHERIES

IDAHO - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		LINES, HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP.	1,338,700	$26,771	-	-
CHUBS	54,900	1,096	-	-
SALMON, RED OR SOCKEYE. . .	-	-	21,700	$11,918
SUCKERS	845,800	16,916	-	-
TOTAL	2,239,400	44,783	21,700	11,918

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA.

ILLINOIS

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	28	87	50	8	69
CASUAL.	32	198	103	11	133
TOTAL	60	285	153	19	202
BOATS:					
MOTOR	44	242	141	16	165
OTHER	1	-	-	-	-
GEAR:					
NUMBER.	31	4,879	1,914	35	431
LENGTH, YARDS	9,200	-	-	-	-
SQUARE YARDS.	-	-	-	3,886	83,486

ITEM	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	23	-	-	114
CASUAL.	106	60	103	436
TOTAL	129	60	103	550
BOATS:				
MOTOR	113	60	20	424
OTHER	-	-	-	1
GEAR:				
NUMBER.	399	120	-	-
HOOKS	39,660	-	-	-

ILLINOIS - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, WIRE BASKETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	-	-	300	$14	-	-
BUFFALOFISH	111,700	$13,101	847,400	99,638	200	$24
CARP.	148,600	7,452	644,200	35,165	2,400	121
CATFISH AND BULLHEADS . . .	6,300	1,975	369,900	113,608	272,700	83,143
EEL, COMMON	-	-	100	25	200	42
GARFISH	800	33	1,700	70	-	-
MOONEYE	-	-	700	35	-	-
PADDLEFISH.	43,400	4,968	3,500	454	4,000	458
QUILLBACK	3,600	144	57,000	3,193	-	-
SHEEPSHEAD.	86,400	8,164	183,900	17,296	2,100	192
STURGEON, SHOVELNOSE. . . .	-	-	4,100	886	-	-
SUCKERS	200	7	2,200	154	-	-
YELLOW PERCH.	-	-	100	19	-	-
TURTLES, SNAPPER.	2,000	418	6,100	1,659	-	-
TOTAL	403,000	36,262	2,121,200	272,216	281,600	83,980

(CONTINUED ON NEXT PAGE)

ILLINOIS - CATCH BY GEAR, 1968 - Continued

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	-	-	800	$47	300	$15
BUFFALOFISH	6,900	$799	823,900	97,365	1,700	216
CARP.	4,300	220	831,500	41,603	10,900	553
CATFISH AND BULLHEADS . . .	-	-	26,000	8,093	119,500	37,047
EEL, COMMON	-	-	-	-	1,000	205
GARFISH	-	-	7,800	213	-	-
PADDLEFISH.	9,400	1,076	29,800	3,525	200	23
QUILLBACK	-	-	18,800	806	100	5
SHEEPSHEAD.	300	28	35,600	3,337	11,000	1,019
STURGEON, SHOVELNOSE. . . .	-	-	4,800	1,152	600	123
SUCKERS	-	-	1,100	39	-	-
TURTLES, SNAPPER.	-	-	200	40	5,500	1,234
TOTAL	20,900	2,123	1,780,300	156,220	150,800	40,440

SPECIES	CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	221,200	$11,901	106,300	$10,630
TOTAL	221,200	11,901	106,300	10,630

ILLINOIS - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			OHIO RIVER PROPER		WABASH RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	400	$19	200	$10	-	-
BUFFALOFISH	715,300	89,934	89,300	11,609	11,500	$1,392
CARP.	970,900	48,803	29,900	1,794	11,000	997
CATFISH AND BULLHEADS . . .	555,100	174,508	106,400	34,048	13,000	3,380
EEL, COMMON	1,100	232	100	15	100	25
GARFISH	5,200	214	-	-	-	-
MOONEYE	700	35	-	-	-	-
PADDLEFISH.	86,300	9,879	1,800	270	500	100
QUILLBACK	36,700	1,761	-	-	15,500	1,395
SHEEPSHEAD.	288,300	27,242	8,200	697	1,800	185
STURGEON, SHOVELNOSE. . . .	8,100	1,944	300	41	1,100	176
SUCKERS	1,900	67	1,000	75	400	52
YELLOW PERCH.	100	19	-	-	-	-
MUSSEL SHELLS	-	-	-	-	141,700	14,170
TURTLES, SNAPPER.	6,800	1,422	-	-	-	-
TOTAL	2,676,900	356,079	237,200	48,559	196,600	21,872

SPECIES	ILLINOIS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	800	$47	-	-
BUFFALOFISH	849,200	95,151	126,500	$13,057
CARP.	542,900	27,573	87,200	5,947
CATFISH AND BULLHEADS . . .	95,900	24,502	24,000	7,428
GARFISH	5,100	102	-	-
PADDLEFISH.	1,600	240	100	15
QUILLBACK	6,100	356	21,200	636
SHEEPSHEAD.	19,800	1,740	1,200	172
SUCKERS	-	-	200	6
MUSSEL SHELLS	185,800	8,361	-	-
TURTLES, SNAPPER.	2,300	539	4,700	1,390
TOTAL	1,709,500	158,611	265,100	28,651

INDIANA

OPERATING UNITS BY GEAR, 1968

ITEM	FYKE AND HOOP NETS, FISH	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	3	2	3	3	6
CASUAL	25	17	60	897	922
TOTAL	28	19	63	900	928
BOATS, MOTOR	28	19	63	113	141
GEAR:					
NUMBER	155	53	126	-	-
HOOKS	-	2,970	-	-	-

INDIANA - CATCH BY GEAR, 1968

SPECIES	FYKE AND HOOP NETS, FISH		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	31,000	$4,200	200	$27
CARP	5,000	400	100	5
CATFISH AND BULLHEADS	7,700	2,545	4,600	1,580
PADDLEFISH	800	100	-	-
QUILLBACK	2,200	210	-	-
SHEEPSHEAD	1,300	136	500	54
STURGEON, SHOVELNOSE	7,100	1,275	1,000	180
SUCKERS	7,600	948	1,000	125
TOTAL	62,700	9,814	7,400	1,971

SPECIES	CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	174,600	$17,460	523,700	$52,370
TOTAL	174,600	17,460	523,700	52,370

INDIANA - CATCH BY WATERS, 1968

SPECIES	OHIO RIVER PROPER		WABASH RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	7,000	$1,050	24,200	$3,177
CARP	2,000	200	3,100	205
CATFISH AND BULLHEADS	5,400	1,890	6,900	2,235
QUILLBACK	-	-	2,200	210
PADDLEFISH	-	-	800	100
SHEEPSHEAD	1,000	100	800	90
STURGEON, SHOVELNOSE	-	-	8,100	1,455
SUCKERS	-	-	8,600	1,073
MUSSEL SHELLS	-	-	698,300	69,830
TOTAL	15,400	3,240	753,000	78,375

IOWA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	32	8	6	75	85
CASUAL.	73	3	-	238	262
TOTAL	105	11	6	313	347
BOATS:					
MOTOR	40	4	3	313	347
OTHER	35	-	-	-	-
GEAR:					
NUMBER.	37	10	3	3,057	5,121
LENGTH, YARDS	10,020	-	-	-	-

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	ELECTRICAL DEVICES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	42	49	96	6	117
CASUAL.	113	183	326	2	360
TOTAL	155	232	422	8	477
BOATS:					
MOTOR	148	232	422	4	454
OTHER	-	-	-		35
GEAR:					
NUMBER.	383	314	1,982	4	-
SQUARE YARDS.	30,402	68,200	-	-	-
HOOKS	-	-	198,200	-	-

IOWA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		WEIRS		POUND NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	900	$28	-	-	-	-
BUFFALOFISH	162,800	16,252	700	$49	1,200	$58
CARP.	417,100	14,309	53,700	1,390	1,500	93
CATFISH AND BULLHEADS . . .	5,800	1,697	-	-	-	-
GARFISH	100	3	100	4	-	-
PADDLEFISH.	9,800	1,081	-	-	-	-
QUILLBACK	-	-	-	-	1,300	26
SHEEPSHEAD.	77,200	6,045	200	4	-	-
STURGEON, SHOVELNOSE. . . .	(1)	2	-	-	-	-
SUCKERS	3,600	108	-	-	-	-
TOTAL	677,300	39,525	54,700	1,447	4,000	177

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	600	$18	1,000	$29	100	$3
BUFFALOFISH	145,200	15,972	231,600	25,476	159,500	17,464
CARP.	136,100	4,083	209,800	6,293	258,300	7,637
CATFISH AND BULLHEADS . . .	161,300	47,327	257,800	75,649	4,300	1,243
EEL, COMMON	100	6	-	-	-	-
GARFISH	800	24	1,300	39	2,100	63
PADDLEFISH.	2,100	232	3,100	341	4,200	459
SHEEPSHEAD.	87,800	7,026	143,300	11,464	22,500	1,755
STURGEON, SHOVELNOSE. . . .	1,600	400	2,600	641	5,400	1,350
SUCKERS	19,400	582	31,400	941	3,700	106
TURTLES, UNCLASSIFIED . . .	-	-	-	-	(1)	3
TOTAL	555,000	75,670	881,900	120,873	460,100	30,083

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IOWA - CATCH BY GEAR, 1968 - Continued

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS		ELECTRICAL DEVICES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	100	$3	-	-	-	-
BUFFALOFISH	159,200	17,511	3,100	$341	100	$5
CARP.	251,800	7,554	13,100	394	9,900	474
CATFISH AND BULLHEADS . . .	4,800	1,393	108,300	31,276	-	-
GARFISH	2,100	63	100	2	-	-
PADDLEFISH.	6,900	756	-	-	-	-
SHEEPSHEAD.	22,000	1,757	18,100	1,449	-	-
STURGEON, SHOVELNOSE. . . .	5,400	1,350	100	26	-	-
SUCKERS	3,400	102	200	6	-	-
UNCLASSIFIED, FOR FOOD. . .	300	10	-	-	-	-
TOTAL	456,000	30,499	143,000	33,494	10,000	479

1/ LESS THAN 50 POUNDS.

IOWA - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	2,700	$81	-	-	-	-
BUFFALOFISH	809,500	89,043	27,700	$2,279	26,200	$1,806
CARP.	1,089,100	32,673	103,900	2,829	158,300	6,725
CATFISH AND BULLHEADS . . .	534,600	156,275	7,700	2,310	-	-
EEL, COMMON	100	6	-	-	-	-
GARFISH	6,500	194	100	4	-	-
PADDLEFISH.	22,600	2,484	3,500	385	-	-
QUILLBACK	-	-	-	-	1,300	26
SHEEPSHEAD.	367,600	29,406	3,500	94	-	-
STURGEON, SHOVELNOSE. . . .	15,100	3,769	-	-	-	-
SUCKERS	60,800	1,823	900	22	-	-
UNCLASSIFIED, FOR FOOD. . .	300	10	-	-	-	-
TURTLES, UNCLASSIFIED . . .	(1)	3	-	-	-	-
TOTAL	2,908,900	315,767	147,300	7,923	185,800	8,557

1/ LESS THAN 50 POUNDS.

KANSAS

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL.	2	11	8	5	34	47
BOATS, MOTOR.	2	11	8	5	-	13
GEAR:						
NUMBER.	2	66	8	42	-	-
LENGTH, YARDS	155	-	-	-	-	-
SQUARE YARDS.	-	-	1,220	-	-	-
HOOKS	-	-	-	336	-	-

KANSAS - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	100	$30	3,000	$900	1,700	$510
CARP.	300	75	14,000	3,500	2,700	675
CATFISH AND BULLHEADS . . .	-	-	2,900	1,450	700	350
QUILLBACK	-	-	200	60	-	-
TOTAL	400	105	20,100	5,910	5,100	1,535

SPECIES	LINES, LONG OR SET WITH HOOKS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP.	100	$25	-	-
CATFISH AND BULLHEADS . . .	700	350	-	-
MUSSEL SHELLS	-	-	8,800	$550
TOTAL	800	375	8,800	550

KANSAS - CATCH BY WATERS, 1968

SPECIES	ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	4,800	$1,440
CARP.	-	-	17,100	4,275
CATFISH AND BULLHEADS . . .	-	-	4,300	2,150
QUILLBACK	-	-	200	60
MUSSEL SHELLS	8,800	$550	-	-
TOTAL	8,800	550	26,400	7,925

KENTUCKY

OPERATING UNITS BY GEAR, 1968

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		DIP NETS, COMMON	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
				LONG OR SET WITH HOOKS	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:								
REGULAR	70	18	24	68	47	8	-	126
CASUAL.	390	24	57	330	150	6	42	589
TOTAL	460	42	81	398	197	14	42	715
BOATS, MOTOR.	440	40	78	386	188	10	42	689
GEAR:								
NUMBER.	3,256	128	250	2,300	730	14	84	-
SQUARE YARDS.	-	24,200	50,000	-	-	-	-	-
HOOKS	-	-	-	200,000	281,000	-	-	-

KENTUCKY - CATCH BY GEAR, 1968

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	175,500	$24,209	316,700	$47,333	170,400	$24,034
CARP.	112,300	6,192	66,000	3,235	62,600	3,425
CATFISH AND BULLHEADS . . .	359,900	110,802	49,900	16,113	30,700	9,513
PADDLEFISH.	500	82	44,100	5,247	13,500	1,874
QUILLBACK	6,200	618	-	-	100	8
SHEEPSHEAD.	33,600	1,898	4,800	261	2,900	173
STURGEON, SHOVELNOSE. . . .	1,400	265	-	-	-	-
SUCKERS	11,200	776	-	-	500	50
TOTAL	700,600	144,842	481,500	72,189	280,700	39,077

(CONTINUED ON NEXT PAGE)

KENTUCKY - CATCH BY GEAR, 1968 - Continued

SPECIES	LINE			
	LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	9,400	$1,292	3,000	$411
CARP	8,700	462	3,200	169
CATFISH AND BULLHEADS	644,100	199,413	241,500	74,762
PADDLEFISH	200	35	15,200	2,388
QUILLBACK	100	10	-	-
SHEEPSHEAD	11,200	642	300	15
STURGEON, SHOVELNOSE	2,100	345	-	-
SUCKERS	700	35	500	25
TOTAL	676,500	202,234	263,700	77,770

SPECIES	DIP NETS, COMMON		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
GIZZARD SHAD	255,000	$8,857	-	-
MUSSEL SHELLS	-	-	261,100	$17,796
TOTAL	255,000	8,857	261,100	17,796

KENTUCKY - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	32,400	$5,832	147,600	$19,188	70,800	$9,558
CARP	13,100	1,048	72,700	3,635	46,300	2,315
CATFISH AND BULLHEADS	17,200	6,020	181,000	54,300	1,012,300	313,813
GIZZARD SHAD	-	-	-	-	255,000	8,857
PADDLEFISH	600	90	12,400	1,674	16,500	2,475
QUILLBACK	200	16	4,000	400	-	-
SHEEPSHEAD	1,300	156	30,000	1,740	4,500	225
STURGEON, SHOVELNOSE	500	50	2,100	315	-	-
SUCKERS	700	56	4,400	440	-	-
MUSSEL SHELLS	-	-	239,000	16,730	-	-
TOTAL	66,000	13,268	693,200	98,422	1,405,400	337,243

SPECIES	OHIO RIVER DRAINAGE AREA - CONTINUED			
	CUMBERLAND RIVER DRAINAGE AREA		OHIO RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	82,000	$12,257	342,200	$50,444
CARP	38,700	1,772	82,000	4,713
CATFISH AND BULLHEADS	40,100	13,094	75,500	23,376
PADDLEFISH	36,400	4,290	7,600	1,097
QUILLBACK	-	-	2,200	220
SHEEPSHEAD	2,800	156	14,200	712
STURGEON, SHOVELNOSE	100	30	800	215
SUCKERS	1,200	60	6,600	330
MUSSEL SHELLS	-	-	22,100	1,066
TOTAL	201,300	31,659	553,200	82,173

LOUISIANA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS			GILL NETS, ANCHOR, SET OR STAKE
			CRAWFISH	SHRIMP	TURTLE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	16	273	191	6	-	118
CASUAL	-	722	683	8	-	431
TOTAL	16	995	874	14	7	549

(CONTINUED ON NEXT PAGE)

LOUISIANA - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS			GILL NETS, ANCHOR, SET OR STAKE
			CRAWFISH	SHRIMP	TURTLE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS, MOTOR	6	955	874	14	7	549
GEAR:						
NUMBER	6	29,457	61,772	130	49	1,326
LENGTH, YARDS	3,100	-	-	-	-	-
SQUARE YARDS	-	-	-	-	-	518,158

ITEM	TRAMMEL NETS	LINES		DIP NETS, COMMON	TONGS	TOTAL, EXCLUSIVE OF DUPLICATION
		HAND	LONG OR SET WITH HOOKS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	102	19	171	69	79	299
CASUAL	321	41	517	106	92	1,135
TOTAL	423	60	688	175	171	1,434
BOATS:						
MOTOR	423	60	688	149	171	1,426
OTHER	-	-	-	8	-	8
GEAR:						
NUMBER	836	185	1,594	175	171	-
SQUARE YARDS	191,675	-	-	-	-	-
HOOKS	-	185	256,800	-	-	-

LOUISIANA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAWFISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	2,700	$143	24,000	$1,278	-	-
BUFFALOFISH	65,200	8,592	870,100	114,678	-	-
CARP	8,100	241	63,000	2,774	-	-
CATFISH AND BULLHEADS	27,100	7,693	526,200	150,955	1,000	$287
GARFISH	13,700	1,049	51,800	4,218	-	-
PADDLEFISH	1,400	79	4,300	243	-	-
SHEEPSHEAD	15,200	1,625	295,500	31,552	-	-
CRAWFISH	-	-	-	-	3,921,800	698,080
TURTLES, SNAPPER	600	170	3,200	904	-	-
TOTAL	134,000	19,592	1,838,100	306,602	3,922,800	698,367

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS, ANCHOR, SET OR STAKE	
	SHRIMP		TURTLE			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	15,200	$807
BUFFALOFISH	-	-	-	-	551,200	72,867
CARP	-	-	-	-	38,800	1,221
CATFISH AND BULLHEADS	-	-	-	-	225,100	64,173
GARFISH	-	-	-	-	175,100	13,411
PADDLEFISH	-	-	-	-	6,200	353
SHEEPSHEAD	-	-	-	-	148,800	15,856
SHRIMP	1,200	$540	-	-	-	-
TURTLES, SNAPPER	-	-	8,000	$2,268	2,600	737
TOTAL	1,200	540	8,000	2,268	1,163,000	169,425

SPECIES	TRAMMEL NETS		LINES			
			HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	11,200	$594	-	-	2,700	$143
BUFFALOFISH	403,500	53,177	-	-	800	105
CARP	23,900	709	-	-	300	9
CATFISH AND BULLHEADS	153,200	43,685	-	-	351,300	100,610
GARFISH	92,400	7,078	-	-	31,000	2,375
PADDLEFISH	3,100	176	-	-	3,400	194
SHEEPSHEAD	109,300	11,656	-	-	400	42
TURTLES, SNAPPER	2,100	592	9,000	$2,551	8,000	2,266
TOTAL	798,700	117,667	9,000	2,551	397,900	105,744

(CONTINUED ON NEXT PAGE)

LOUISIANA - CATCH BY GEAR, 1968 - Continued

SPECIES	DIP NETS, COMMON		TONGS	
	POUNDS	VALUE	POUNDS	VALUE
GIZZARD SHAD.	1,151,000	$39,634	-	-
TURTLES:				
BABY.	600	7,500	-	-
SOFT-SHELL.	200	2,500	-	-
FROGS	16,500	9,840	26,300	$15,702
TOTAL	1,168,300	59,474	26,300	15,702

LOUISIANA - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	4,100	$217	21,800	$1,158
BUFFALOFISH	73,500	9,686	827,100	109,008
CARP.	12,300	365	35,200	1,887
CATFISH AND BULLHEADS . . .	67,000	19,192	812,500	232,632
GARFISH	23,000	1,763	172,300	13,194
GIZZARD SHAD.	-	-	526,000	17,884
PADDLEFISH.	1,500	85	4,800	271
SHEEPSHEAD.	9,000	962	358,900	38,397
CRAWFISH.	10,200	1,816	3,813,600	678,820
SHRIMP.	1,200	540	-	-
TURTLES, SNAPPER.	500	141	19,200	5,439
FROGS	500	300	36,600	21,826
TOTAL	202,800	35,067	6,628,000	1,120,516

SPECIES	RED RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	OUACHITA RIVER DRAINAGE AREA		UNCLASSIFIED			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	7,700	$409	19,000	$1,010	3,200	$171
BUFFALOFISH	249,000	32,816	625,600	82,675	115,600	15,234
CARP.	12,600	505	51,800	1,537	22,200	660
CATFISH AND BULLHEADS . . .	119,600	34,007	240,900	68,993	43,900	12,579
GARFISH	59,900	4,588	89,200	7,085	19,600	1,501
GIZZARD SHAD.	-	-	500,000	17,500	125,000	4,250
PADDLEFISH.	5,500	313	6,100	347	500	29
SHEEPSHEAD.	31,100	3,339	134,700	14,237	35,500	3,796
CRAWFISH.	-	-	90,000	16,020	8,000	1,424
TURTLES:						
BABY.	300	3,750	200	2,500	100	1,250
SNAPPER	8,400	2,379	2,900	821	2,500	708
SOFT-SHELL.	100	1,250	100	1,250	-	-
FROGS	1,400	840	2,600	1,556	1,700	1,020
TOTAL	495,600	84,196	1,763,100	215,531	377,800	42,622

MINNESOTA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS, FISH	TRAP NETS	FYKE AND HOOP NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	131	53	2	53	82
CASUAL.	78	-	5	-	17
TOTAL	209	53	7	53	99
BOATS:					
MOTOR	41	-	2	15	51
OTHER	29	-	2	-	12
GEAR:					
NUMBER.	30	57	5	185	3,174
LENGTH, YARDS	22,942	-	-	-	-

(CONTINUED ON NEXT PAGE)

MINNESOTA - OPERATING UNITS BY GEAR, 1968 - Continued

ITEM	GILL NETS, ANCHOR, SET OR STAKE	LINES, LONG OR SET WITH HOOKS	DIP NETS, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	109	5	3	289
CASUAL.	131	59	-	279
TOTAL	240	64	3	568
BOATS:				
MOTOR	125	64	-	281
OTHER	-	-	-	43
GEAR:				
NUMBER.	235	64	3	-
SQUARE YARDS.	339,963	-	-	-
HOOKS	-	16,420	-	-

MINNESOTA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		WEIRS		POUND NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	1,600	$29	1,200	$21	-	-
BUFFALOFISH	1,208,500	169,471	-	-	8,500	$1,190
BURBOT.	1,000	15	-	-	-	-
CARP.	2,748,700	98,689	370,400	12,964	5,300	186
CATFISH AND BULLHEADS . . .	200,200	15,028	73,400	5,505	-	-
GARFISH	9,400	318	-	-	-	-
GIZZARD SHAD.	1,000	15	-	-	-	-
HERRING, LAKE	-	-	-	-	1,000	150
MOONEYE	100	24	-	-	-	-
QUILLBACK	1,000	37	-	-	-	-
SHEEPSHEAD.	272,200	14,160	-	-	-	-
SUCKERS	14,100	336	22,500	506	-	-
WHITE BASS.	15,400	1,540	-	-	-	-
WHITEFISH, COMMON	-	-	-	-	2,100	1,050
YELLOW PERCH.	1,600	40	1,500	38	-	-
TOTAL	4,474,800	299,702	469,000	19,034	16,900	2,576

SPECIES	TRAP NETS		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	1,300	$23	13,900	$243	-	-
BUFFALOFISH	400	56	167,900	23,506	44,900	$5,520
BURBOT.	1,000	15	15,800	237	600	9
CARP.	105,300	3,651	427,500	14,963	135,800	4,480
CATFISH AND BULLHEADS . . .	51,600	2,871	1,827,800	137,085	3,800	1,055
CHUBS	-	-	-	-	2,600	445
CRAPPIE	-	-	-	-	300	161
GARFISH	-	-	-	-	200	17
HERRING, LAKE	-	-	-	-	20,500	3,075
MINNOW.	100	2	-	-	-	-
MOONEYE	-	-	-	-	2,300	59
PIKE OR PICKEREL.	-	-		-	25,700	2,591
QUILLBACK	-	-	-	-	700	20
SHEEPSHEAD.	-	-	10,500	552	95,000	3,347
SUCKERS	43,400	977	5,100	114	-	-
WHITEFISH, COMMON	-	-	-	-	24,900	12,025
YELLOW PERCH.	20,300	257	36,700	918	529,300	146,385
YELLOW PIKE	-	-	-	-	656,000	215,979
TOTAL	223,400	7,852	2,505,200	177,618	1,542,600	395,168

SPECIES	LINES, LONG OR SET WITH HOOKS		DIP NETS, COMMON	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	400	$9	-	-
BUFFALOFISH	200	22	-	-
CARP.	7,600	251	-	-
CATFISH AND BULLHEADS . . .	32,800	7,720	4,200	$315
GARFISH	1,100	87	-	-
MOONEYE	100	23	-	-
SHEEPSHEAD.	4,600	271	-	-
SUCKERS	100	2	-	-
TOTAL	46,900	8,385	4,200	315

MINNESOTA - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		SAINT CROIX RIVER DRAINAGE AREA		UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	500	$12	-	-	11,100	$194
BUFFALOFISH	65,400	8,043	6,100	$1,476	1,358,000	190,120
BURBOT	-	-	-	-	12,900	194
CARP	277,000	9,140	235,300	10,987	2,864,600	100,262
CATFISH AND BULLHEADS	35,500	8,366	100	8	1,341,300	99,598
GARFISH	2,600	204	1,100	113	7,000	105
GIZZARD SHAD	-	-	-	-	1,000	15
MINNOW	-	-	-	-	100	2
MOONEYE	200	47	-	-	-	
QUILLBACK	900	27	800	30	-	-
SHEEPSHEAD	39,500	2,328	27,600	1,104	200,000	10,500
SUCKERS	200	4	3,200	92	61,100	1,374
WHITE BASS	-	-	-	-	15,400	1,540
YELLOW PERCH	-	-	400	10	52,000	1,050
TOTAL	421,800	28,171	274,600	13,820	5,924,500	404,954

SPECIES	NORTHERN DRAINAGE AREA				UNCLASSIFIED	
	RED LAKE		RED RIVER OF THE NORTH, UNCLASSIFIED			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	6,100	$107	700	$12
BUFFALOFISH	-	-	900	126	-	-
BURBOT	-	-	3,400	51	2,100	31
CARP	-	-	423,700	14,795	-	-
CATFISH AND BULLHEADS	1,300	$437	722,900	54,218	92,700	6,952
CHUBS	2,600	445	-	-	-	-
CRAPPIE	300	161	-	-	-	-
HERRING, LAKE	-	-	-	-	21,500	3,225
MOONEYE	2,300	59	-	-	-	-
PIKE OR PICKEREL	25,700	2,591	-	-	-	-
SHEEPSHEAD	93,200	3,243	22,000	1,155	-	-
SUCKERS	-	-	200	4	20,500	461
WHITEFISH, COMMON	10,800	4,975	-	-	16,200	8,100
YELLOW PERCH	529,300	146,385	800	21	6,900	172
YELLOW PIKE	656,000	215,979	-	-	-	-
TOTAL	1,321,500	374,275	1,180,000	70,477	160,600	18,953

MISSISSIPPI

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		TOTAL, EXCLUSIVE OF DUPLICATION
					LONG OR SET WITH HOOKS	SNAG	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	37	100	154	41	146	61	165
CASUAL	15	268	193	26	305	92	525
TOTAL	52	368	347	67	451	153	690
BOATS:							
MOTOR	27	348	333	64	418	141	633
OTHER	11	-	-	-	-	-	11
GEAR:							
NUMBER	21	3,390	853	105	1,505	491	-
LENGTH, YARDS	7,100	-	-	-	-	-	-
SQUARE YARDS	-	-	327,450	37,000	-	-	-
HOOKS	-	-	-	-	377,250	613,700	-

MISSISSIPPI - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	900	$50	-	-
BUFFALOFISH	95,500	$13,848	451,900	67,924	806,000	$118,723
CARP	14,500	725	138,800	7,506	135,000	7,194
CATFISH AND BULLHEADS	-	-	79,300	26,180	57,200	18,795
GARFISH	2,000	130	2,700	176	13,500	878
PADDLEFISH	-	-	-	-	5,800	570
QUILLBACK	1,000	50	2,000	100	-	-
SHEEPSHEAD	500	40	10,000	818	13,800	983
SUCKERS	-	-	2,500	125	-	-
TURTLES, SNAPPER	300	45	-	-	-	-
TOTAL	113,800	14,838	688,100	102,879	1,031,300	147,143

SPECIES	TRAMMEL NETS		LINES			
			LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	5,800	$319	-	-
BUFFALOFISH	118,000	$17,928	9,000	1,270	9,400	$1,366
CARP	46,300	2,511	6,600	348	5,000	264
CATFISH AND BULLHEADS	20,600	6,955	437,900	144,936	74,900	24,100
GARFISH	4,700	306	5,800	377	3,600	234
PADDLEFISH	1,800	180	-	-	15,000	1,476
SHEEPSHEAD	4,000	320	12,700	827	4,200	210
STURGEON, SHOVELNOSE	-	-	300	30	-	-
TOTAL	195,400	28,200	478,100	148,107	112,100	27,650

MISSISSIPPI - CATCH BY WATERS, 1968

SPECIES	TENNESSEE RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	6,700	$369
BUFFALOFISH	21,800	$2,398	1,468,000	218,661
CARP	10,100	485	336,100	18,063
CATFISH AND BULLHEADS	46,900	14,070	623,000	206,896
GARFISH	-	-	32,300	2,101
PADDLEFISH	10,700	1,036	11,900	1,190
QUILLBACK	-	-	3,000	150
SHEEPSHEAD	12,000	456	33,200	2,742
STURGEON, SHOVELNOSE	-	-	300	30
SUCKERS	-	-	2,500	125
TURTLES, SNAPPER	-	-	300	45
TOTAL	101,500	18,445	2,517,300	450,372

MISSOURI

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	2	15	11	5	-	16
CASUAL	2	164	183	114	2	369
TOTAL	4	179	194	119	2	385
BOATS, MOTOR	4	175	187	115	22	371
GEAR:						
NUMBER	4	1,149	212	209	4	-
LENGTH, YARDS	417	-	-	-	-	-
SQUARE YARDS	-	-	35,776	-	-	-
HOOKS	-	-	-	19,565	-	-

MISSOURI - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	100	$10	200	$19	100	$10
BUFFALOFISH	20,600	3,708	86,100	15,498	86,900	15,642
CARP	32,700	2,289	129,300	9,051	93,800	6,566
CATFISH AND BULLHEADS	2,400	784	53,600	17,532	25,600	8,375
EEL, COMMON	-	-	-	-	200	36
GARFISH	4,100	410	1,000	100	17,700	1,770
PADDLEFISH	1,900	209	2,600	286	9,300	1,023
QUILLBACK	-	-	18,100	1,810	18,900	1,890
SHEEPSHEAD	15,100	2,265	24,500	3,675	17,700	2,655
STURGEON, SHOVELNOSE	-	-	200	50	2,300	575
SUCKERS	-	-	1,800	180	1,200	120
TOTAL	76,900	9,675	317,400	48,201	273,700	38,662

SPECIES	LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	400	$72	-	-
CARP	1,700	119	-	-
CATFISH AND BULLHEADS	20,300	6,641	-	-
EEL, COMMON	300	54	-	-
GARFISH	1,400	140	-	-
SHEEPSHEAD	3,100	465	-	-
STURGEON, SHOVELNOSE	600	150	-	-
MUSSEL SHELLS	-	-	800	$18
TOTAL	27,800	7,641	800	18

MISSOURI - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	300	$30	100	$9	-	-
BUFFALOFISH	138,500	24,930	50,300	9,054	5,200	$936
CARP	148,000	10,360	105,900	7,413	3,600	252
CATFISH AND BULLHEADS	63,800	20,849	37,500	12,285	600	198
EEL, COMMON	500	90	-	-	-	-
GARFISH	21,200	2,120	3,000	300	-	-
PADDLEFISH	9,100	1,001	4,700	517	-	-
QUILLBACK	17,100	1,710	19,900	1,990	-	-
SHEEPSHEAD	52,400	7,860	7,000	1,050	1,000	150
STURGEON, SHOVELNOSE	2,600	650	500	125	-	-
SUCKERS	2,200	220	800	80	-	-
MUSSEL SHELLS	800	18	-	-	-	-
TOTAL	456,500	69,838	229,700	32,823	10,400	1,536

MONTANA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	TRAP NETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	4	6	6	6	10
CASUAL	2	-	-	-	2
TOTAL	6	6	6	6	12
BOATS:					
MOTOR	3	6	6	6	9
OTHER	2	-	-	-	2
GEAR:					
NUMBER	3	16	16	30	-
LENGTH, YARDS	1,133	-	-	-	-
SQUARE YARDS	-		3,600	6,000	-

MONTANA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	20,000	$4,000
CARP.	854,200	$19,250	-	-
SUCKERS	3,500	70	-	-
TOTAL	857,700	19,320	20,000	4,000

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	24,700	$1,250	307,300	$46,095
CARP.	-	-	3,500	100
CATFISH AND BULLHEADS . . .	-	-	11,800	3,550
MOONEYE	28,900	4,620	-	-
QUILLBACK	600	30	80,300	2,400
SHEEPSHEAD.	300	15	4,900	150
TOTAL	54,500	5,915	407,800	52,295

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

NEBRASKA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	17	11	8	11	-	28
CASUAL.	8	53	23	94	1	134
TOTAL	25	64	31	105	1	162
BOATS:						
MOTOR	8	64	31	105	1	145
OTHER	8	-	-	-	-	8
GEAR:						
NUMBER.	8	310	145	105	1	-
LENGTH, YARDS	1,217	-	-	-	-	-
SQUARE YARDS.	-	-	-	14,400	-	-
HOOKS	-	-	-	-	100	-

NEBRASKA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, WIRE BASKETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	6,600	$857	3,900	$552	600	$90
CARP.	267,500	8,100	30,800	926	5,900	183
CATFISH AND BULLHEADS . . .	30,600	768	15,400	5,394	7,800	2,712
GIZZARD SHAD.	35,500	887	-	-	-	-
GOLDFISH.	7,900	236	-	-	-	-
QUILLBACK	14,500	364	400	15	(1)	1
SHEEPSHEAD.	2,700	67	-	-	-	-
SUCKERS	21,300	532	-	-	-	-
TOTAL	386,600	11,811	50,500	6,887	14,300	2,986

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEBRASKA - CATCH BY GEAR, 1968 - Continued

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	24,800	$3,472	-	-
CARP	58,600	1,784	-	-
CATFISH AND BULLHEADS	6,900	2,430	(1)	$4
QUILLBACK	3,100	95	-	-
TOTAL	93,400	7,781	(1)	4

1/ LESS THAN 50 POUNDS.

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

NEW MEXICO

THE COMMERCIAL FISHERIES WERE CONFINED TO THE ELEPHANT BUTTE LAKES OF THE RIO GRANDE RIVER DRAINAGE AREA. THE CATCH CONSISTED OF 44,500 POUNDS OF BUFFALOFISH, VALUED AT $10,242; 1,200 POUNDS OF CARP, VALUED AT $24; AND 700 POUNDS OF QUILLBACK, VALUED AT $14. ONE REGULAR FISHERMAN AND ONE CASUAL FISHERMAN EMPLOYING ONE MOTOR BOAT FISHED 16 GILL NETS (ANCHOR, SET OR STAKE) WITH A TOTAL OF 3,200 SQUARE YARDS.

NORTH DAKOTA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL	8	3	11
BOATS, MOTOR	2	2	4
GEAR:			
NUMBER	1	120	-
LENGTH, YARDS	1,333	-	-

NORTH DAKOTA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	146,700	$13,203	-	-
CARP	15,100	415	-	-
CATFISH AND BULLHEADS	-	-	65,800	$5,922
PADDLEFISH	1,100	110	-	-
SUCKERS	200	6	-	-
YELLOW PERCH	-	-	10,400	1,040
TOTAL	163,100	13,734	76,200	6,962

NORTH DAKOTA - CATCH BY WATERS, 1968

SPECIES	MISSOURI RIVER DRAINAGE AREA		NORTHERN DRAINAGE AREA			
			RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED		UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	146,700	$13,203	-	-	-	-
CARP	15,100	415	-	-	-	-
CATFISH AND BULLHEADS	17,000	1,530	27,300	$2,457	21,500	$1,935
PADDLEFISH	1,100	110	-	-	-	-
SUCKERS	200	6	-	-	-	-
YELLOW PERCH	-	-	10,400	1,040	-	-
TOTAL	180,100	15,264	37,700	3,497	21,500	1,935

OKLAHOMA

OPERATING UNITS BY GEAR, 1968

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	50	23	50
CASUAL	32	-	32
TOTAL	82	23	82
BOATS, MOTOR	82	23	82
GEAR:			
NUMBER	344	58	-
SQUARE YARDS	137,400	15,370	-

OKLAHOMA - CATCH BY GEAR, 1968

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	480,700	$67,298	84,600	$11,844
CARP	81,800	4,090	14,300	715
CATFISH AND BULLHEADS	90,300	31,605	15,900	5,565
GARFISH	2,000	160	300	24
PADDLEFISH	5,300	795	1,700	255
QUILLBACK	65,700	6,242	11,600	1,103
SHEEPSHEAD	10,500	1,092	1,800	186
WHITE BASS	5,600	1,259	1,000	224
TOTAL	741,900	112,541	131,200	19,916

OKLAHOMA - CATCH BY WATERS, 1968

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		ARKANSAS RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	440,900	$61,726	124,400	$17,416
CARP	70,900	3,545	25,200	1,260
CATFISH AND BULLHEADS	13,100	4,585	93,100	32,585
GARFISH	2,300	184	-	-
PADDLEFISH	-	-	7,000	1,050
QUILLBACK	72,000	6,840	5,300	505
SHEEPSHEAD	7,200	748	5,100	530
WHITE BASS	100	22	6,500	1,461
TOTAL	606,500	77,650	266,600	54,807

SOUTH DAKOTA

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	26	18	6	32
CASUAL	32	9	8	42
TOTAL	58	27	14	74
BOATS:				
MOTOR	11	13	12	24
OTHER	7	-	-	7
GEAR:				
NUMBER	7	5,580	45	-
LENGTH, YARDS	7,000	-	-	-
SQUARE YARDS	-	-	9,000	-

MISSISSIPPI RIVER FISHERIES

SOUTH DAKOTA - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	716,200	$71,620	193,100	$19,310	424,500	$42,450
CARP.	1,220,800	34,185	149,500	4,187	14,800	414
CATFISH AND BULLHEADS . . .	289,000	23,698	614,300	50,842	6,500	1,625
MOONEYE	-	-	29,500	8,850	69,200	20,760
SHEEPSHEAD.	16,500	990	8,100	486	6,000	360
SUCKERS	-	-	25,900	959	53,400	1,976
TOTAL	2,242,500	130,493	1,020,400	84,634	574,400	67,585

SOUTH DAKOTA - CATCH BY WATERS, 1968

SPECIES	MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	1,320,700	$132,070	12,500	$1,250	600	$60
CARP.	696,500	19,504	62,000	1,737	626,600	17,545
CATFISH AND BULLHEADS . . .	641,900	54,197	247,900	20,328	20,000	1,640
MOONEYE	98,700	29,610	-	-	-	-
SHEEPSHEAD.	8,600	516	-	-	22,000	1,320
SUCKERS	79,300	2,935	-	-	-	-
TOTAL	2,845,700	238,832	322,400	23,315	669,200	20,565

TENNESSEE

OPERATING UNITS BY GEAR, 1968

ITEM	FYKE AND HOOP NETS		GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES
	FISH	TURTLE			LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	138	4	26	147	175
CASUAL.	200	10	40	101	369
TOTAL	338	14	66	248	544
BOATS, MOTOR.	337	14	66	248	539
GEAR:					
NUMBER.	3,288	100	86	767	4,011
SQUARE YARDS.	-	-	19,835	200,670	-
HOOKS	-	-	-	-	365,450

ITEM	LINES - CONTINUED	DIP NETS, COMMON	CROWFOOT BARS	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	SNAG				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	84	4	100	-	359
CASUAL.	117	20	77	30	646
TOTAL	201	24	177	30	1,005
BOATS, MOTOR.	201	14	177	10	971
GEAR:					
NUMBER.	701	24	354	-	-
SQUARE YARDS.	-	-	-	20	-
HOOKS	333,340	-	-	-	-

TENNESSEE - CATCH BY GEAR, 1968

SPECIES	FYKE AND HOOP NETS				GILL NETS, ANCHOR, SET OR STAKE	
	FISH		TURTLE			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	23,400	$1,170	-	-	1,500	$75
BUFFALOFISH	204,200	22,169	-	-	99,500	9,661
CARP	127,500	6,005	-	-	71,500	2,465
CATFISH AND BULLHEADS	52,100	15,601	-	-	11,800	3,461
CRAPPIE	29,700	8,910	-	-	20,000	6,000
PADDLEFISH	-	-	-	-	9,600	1,030
QUILLBACK	26,200	1,511	-	-	-	-
SHEEPSHEAD	37,400	1,641	-	-	17,500	798
STURGEON, SHOVELNOSE	500	50	-	-	-	-
YELLOW BASS	11,600	986	-	-	200	17
TURTLES, SNAPPER	-	-	8,500	$1,060	-	-
TOTAL	512,600	58,043	8,500	1,060	231,600	23,507

SPECIES	TRAMMEL NETS		LINES			
			LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	800	$40	-	-	-	-
BUFFALOFISH	1,203,200	121,109	14,600	$1,506	14,500	$1,555
CARP	545,000	21,094	10,500	432	11,900	479
CATFISH AND BULLHEADS	130,000	38,633	804,000	238,617	115,700	33,935
CRAPPIE	7,400	2,220	-	-	-	-
PADDLEFISH	50,700	5,190	-	-	28,200	2,875
QUILLBACK	59,200	2,510	3,200	151	-	-
SHEEPSHEAD	287,600	12,575	37,700	1,890	7,400	307
STURGEON, SHOVELNOSE	-	-	1,000	100	-	-
SUCKERS	2,200	220	-	-	-	-
TOTAL	2,286,100	203,591	871,000	242,696	177,700	39,151

SPECIES	DIP NETS, COMMON		CROWFOOT BARS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PEARLS AND SLUGS	-	-	-	$2,216	-	$379
MUSSEL SHELLS	-	-	3,547,600	208,671	600,000	34,789
TURTLES, BABY	700	$5,250	-	-	-	-
TOTAL	700	5,250	3,547,600	210,887	600,000	35,168

TENNESSEE - CATCH BY WATERS, 1968

SPECIES	OHIO RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	25,700	$1,285
BUFFALOFISH	925,500	$87,860	98,500	$11,820	512,000	56,320
CARP	475,500	15,360	57,000	3,420	233,900	11,695
CATFISH AND BULLHEADS	856,000	250,920	52,900	15,870	204,700	63,457
CRAPPIE	-	-	-	-	57,100	17,130
PADDLEFISH	70,500	7,050	9,800	1,225	8,200	820
PEARLS AND SLUGS	-	2,595	-	-	-	-
QUILLBACK	73,800	3,288	4,800	384	10,000	500
SHEEPSHEAD	98,300	6,325	16,900	1,352	272,400	9,534
STURGEON, SHOVELNOSE	-	-	-	-	1,500	150
SUCKERS	-	-	2,200	220	-	-
YELLOW BASS	-	-	-	-	11,800	1,003
MUSSEL SHELLS	4,147,600	243,460	-	-	-	-
TURTLES:						
BABY	-	-	-	-	700	5,250
SNAPPER	-	-	-	-	8,500	1,060
TOTAL	6,647,200	616,858	242,100	34,291	1,346,500	168,204

MISSISSIPPI RIVER FISHERIES

TEXAS

OPERATING UNITS BY GEAR, 1968

SPECIES	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	22	76	13	52	79
CASUAL.	36	156	15	153	214
TOTAL	58	232	28	205	293
BOATS, MOTOR.	53	212	28	182	257
GEAR:					
NUMBER.	291	554	48	577	-
SQUARE YARDS.	-	119,400	9,600	-	-
HOOKS	-	-	-	44,200	-

TEXAS - CATCH BY GEAR, 1968

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	1,100	$55	-	-
BUFFALOFISH	62,500	8,670	790,800	$111,716
CARP.	5,000	250	79,000	3,976
CATFISH AND BULLHEADS . . .	13,200	4,098	43,900	15,559
GARFISH	500	35	75,500	4,807
QUILLBACK	-	-	12,300	615
SHEEPSHEAD.	4,100	410	15,400	1,517
SUCKERS	-	-	1,400	75
TURTLES, SNAPPER.	-	-	500	50
TOTAL	86,400	13,518	1,018,800	138,315

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	42,400	$6,360	1,600	$240
CARP.	5,000	250	500	25
CATFISH AND BULLHEADS . . .	25,500	8,985	93,000	34,536
GARFISH	3,900	234	1,900	114
SHEEPSHEAD.	3,700	330	6,600	636
TOTAL	80,500	16,159	103,600	35,551

TEXAS - CATCH BY WATERS, 1968

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFED		GULF OF MEXICO DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	900	$45	200	$10
BUFFALOFISH	240,200	35,979	657,100	91,007
CARP.	19,900	995	69,600	3,506
CATFISH AND BULLHEADS . . .	170,500	62,158	5,100	1,020
GARFISH	22,200	1,332	59,600	3,858
QUILLBACK	10,100	505	2,200	110
SHEEPSHEAD.	26,100	2,486	3,700	407
SUCKERS	-	-	1,400	75
TURTLES, SNAPPER.	-	-	500	50
TOTAL	489,900	103,500	799,400	100,043

UTAH

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	BRAIL OR SCOOP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	1	3	4
CASUAL	5	-	5
TOTAL	6	3	9
BOATS:			
MOTOR	2	-	2
OTHER	1	-	1
GEAR:			
NUMBER	1	3	-
LENGTH, YARDS	400	-	-

UTAH - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE
CARP	308,500	$9,254	-	-
ARTEMIA (BRINE SHRIMP) EGGS	-	-	139,300	$55,720
TOTAL	308,500	9,254	139,300	55,720

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA.

WISCONSIN

OPERATING UNITS BY GEAR, 1968

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	WEIRS	TRAP NETS	FYKE AND HOOP NETS, FISH	SLAT TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	75	4	6	8	35	33
CASUAL	81	-	2	12	5	28
TOTAL	156	4	8	20	40	61
BOATS:						
MOTOR	64	1	5	8	30	44
OTHER	51	-	-	1	-	-
GEAR:						
NUMBER	42	1	3	106	966	1,372
LENGTH, YARDS	26,857	13	-	-	-	-

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	ELECTRICAL DEVICES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	48	4	36	-	142
CASUAL	92	8	567	3	743
TOTAL	140	12	603	3	885
BOATS:					
MOTOR	91	7	445	1	592
OTHER	1	-	-	-	53
GEAR:					
NUMBER	92	7	454	1	-
SQUARE YARDS	80,169	1,103	-	-	-
HOOKS	-	-	124,259	-	-

WISCONSIN - CATCH BY GEAR, 1968

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,800	$64	-	-	-	-
BUFFALOFISH	543,000	78,532	-	-	1,800	$269
BURBOT	36,100	2,168	13,000	$780	-	-
CARP	5,370,400	161,612	18,800	517	305,200	8,394
CATFISH AND BULLHEADS	20,800	5,471	-	-	100	9
GARFISH	11,900	217	-	-	-	-
MOONEYE	100	1	-	-	-	-
QUILLBACK	16,100	403	-	-	-	-
SHEEPSHEAD	855,500	56,185	742,300	22,269	33,400	1,002
STURGEON, SHOVELNOSE	(1)	1	-	-	-	-
SUCKERS	61,100	1,563	-	-	3,800	114
UNCLASSIFIED, FOR FOOD	100	8	-	-	-	-
TURTLES, SNAPPER	1,500	210	-	-	-	-
TOTAL	6,918,400	306,435	774,100	23,566	344,300	9,788

SPECIES	TRAP NETS		FYKE AND HOOP NETS, FISH		SLAT TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	1,400	$14	-	-
BUFFALOFISH	800	$122	99,900	13,992	100	$10
BURBOT	15,900	952	-	-	-	-
CARP	365,200	10,042	112,600	3,937	1,200	42
CATFISH AND BULLHEADS	5,700	546	140,100	35,938	104,000	26,930
EEL, COMMON	-	-	100	22	(1)	3
GARFISH	-	-	700	7	-	-
MOONEYE	500	12	-	-	-	-
QUILLBACK	-	-	10,500	263	-	-
SHEEPSHEAD	185,100	5,552	45,200	3,160	3,300	232
STURGEON, SHOVELNOSE	-	-	300	67	(1)	5
SUCKERS	105,600	3,166	138,400	3,996	100	2
TURTLES, SNAPPER	-	-	2,300	334	(1)	4
TOTAL	678,800	20,392	551,500	61,730	108,700	27,228

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	100	$1	100	$1
BUFFALOFISH	275,700	38,612	1,400	204
CARP	866,600	30,269	900	31
CATFISH AND BULLHEADS	6,600	1,738	1,800	496
GARFISH	1,500	15	200	2
QUILLBACK	3,800	96	100	1
SHEEPSHEAD	17,000	1,186	400	29
STURGEON, SHOVELNOSE	100	9	100	15
SUCKERS	1,800	36	700	13
TURTLES, SNAPPER	100	20	-	-
TOTAL	1,173,300	71,982	5,700	792

SPECIES	LINES, LONG OR SET WITH HOOKS		ELECTRICAL DEVICES	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	3,500	$35	-	-
BUFFALOFISH	4,800	667	200	$30
CARP	53,100	1,859	2,000	55
CATFISH AND BULLHEADS	327,100	81,742	-	-
EEL, COMMON	200	41	-	-
GARFISH	1,300	13	-	-
MOONEYE	100	2	-	-
SHEEPSHEAD	37,800	2,647	-	-
STURGEON, SHOVELNOSE	900	184	-	-
SUCKERS	1,200	25	100	3
TURTLES, SNAPPER	2,400	351	-	-
TOTAL	432,400	87,566	2,300	88

1/ LESS THAN 50 POUNDS.

WISCONSIN - CATCH BY WATERS, 1968

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA				NORTHERN DRAINAGE AREA, UNCLASSIFIED	
	MISSISSIPPI RIVER PROPER		UNCLASSIFIED			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	6,300	$63	-	-	600	$52
BUFFALOFISH	671,500	94,011	3,700	$557	252,500	37,870
BURBOT	-	-	-	-	65,000	3,900
CARP	2,882,300	100,880	206,000	5,664	4,007,700	110,214
CATFISH AND BULLHEADS	600,200	152,302	100	9	5,900	559
EEL, COMMON	300	66	-	-	-	-
GARFISH	10,700	107	-	-	4,900	147
MOONEYE	200	3	-	-	500	12
QUILLBACK	30,500	763	-	-	-	-
SHEEPSHEAD	866,600	60,660	-	-	1,053,400	31,602
STURGEON, SHOVELNOSE	1,400	281	-	-	-	-
SUCKERS	46,400	927	100	3	266,300	7,988
UNCLASSIFIED, FOR FOOD	-	-	-	-	100	8
TURTLES, SNAPPER	6,300	919	-	-	-	-
TOTAL	5,122,700	410,982	209,900	6,233	5,656,900	192,352

GREAT LAKES AND MISSISSIPPI RIVER CATCH - BY STATES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	-	-	3,045	461	3,045	461
ARIZONA	-	-	23	4	23	4
ARKANSAS	-	-	5,604	901	5,604	901
IDAHO	-	-	2,261	57	2,261	57
ILLINOIS	482	99	5,085	614	5,567	713
INDIANA	202	39	768	82	970	121
IOWA	-	-	3,242	332	3,242	332
KANSAS	-	-	35	8	35	8
KENTUCKY	-	-	2,919	563	2,919	563
LOUISIANA	-	-	9,467	1,498	9,467	1,498
MICHIGAN	23,953	2,832	-	-	23,953	2,832
MINNESOTA	3,390	217	9,283	911	12,673	1,128
MISSISSIPPI	-	-	2,619	469	2,619	469
MISSOURI	-	-	697	104	697	104
MONTANA	-	-	1,340	82	1,340	82
NEBRASKA	-	-	545	29	545	29
NEW MEXICO	-	-	47	10	47	10
NEW YORK	604	149	-	-	604	149
NORTH DAKOTA	-	-	239	21	239	21
OHIO	10,400	941	-	-	10,400	941
OKLAHOMA	-	-	873	132	873	132
PENNSYLVANIA	481	50	-	-	481	50
SOUTH DAKOTA	-	-	3,837	283	3,837	283
TENNESSEE	-	-	8,236	819	8,236	819
TEXAS	-	-	1,289	204	1,289	204
UTAH	-	-	448	65	448	65
WISCONSIN	29,471	1,536	10,990	610	40,461	2,146
TOTAL	68,983	5,863	72,892	8,259	141,875	14,122

MISSISSIPPI RIVER FISHERIES

GREAT LAKES AND MISSISSIPPI RIVER CATCH - BY SPECIES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	27,194	280	-	-	27,194	280
BLUE PIKE	(1)	(1)	-	-	(1)	(1)
BOWFIN	2	(1)	131	5	133	5
BUFFALOFISH	42	5	18,391	2,376	18,433	2,381
BURBOT	219	9	83	4	302	13
CARP	6,100	207	21,407	749	27,507	956
CATFISH AND BULLHEADS	981	256	11,877	2,909	12,858	3,165
CHUBS	11,126	1,722	58	2	11,184	1,724
CRAPPIE	9	2	57	17	66	19
EEL, COMMON	74	19	2	(1)	76	19
GARFISH	-	-	823	51	823	51
GIZZARD SHAD	30	1	1,517	53	1,547	54
GOLDFISH	107	3	8	(1)	115	3
LAKE HERRING	3,663	423	22	3	3,685	426
LAKE TROUT	279	168	-	-	279	168
MINNOW	-	-	(1)	(1)	(1)	(1)
MOONEYE OR GOLDEYE	(1)	(1)	133	35	133	35
PADDLEFISH	-	-	442	49	442	49
PIKE OR PICKEREL	85	7	26	3	111	10
QUILLBACK	14	1	517	27	531	28
ROCK BASS	26	2	-	-	26	2
SALMON:						
RED OR SOCKEYE	-	-	2/ 22	2/ 12	2/ 22	2/ 12
SILVER OR COHO	1,999	320	-	-	1,999	320
SAUGER	16	1	-	-	16	1
SCULPIN	(1)	(1)	-	-	(1)	(1)
SHEEPSHEAD	3,154	65	4,417	288	7,571	353
SMELT	3,115	98	-	-	3,115	98
STURGEON:						
COMMON	3	3	-	-	3	3
SHOVELNOSE	-	-	46	11	46	11
SUCKERS	958	28	1,514	39	2,472	67
SUNFISH	10	1	-	-	10	1
TULLIBEE	1,102	38	-	-	1,102	38
WHITE BASS	729	158	22	4	751	162
WHITEFISH:						
COMMON	1,768	1,070	27	13	1,795	1,083
MENOMINEE	103	18	-	-	103	18
WHITE PERCH	105	36	-	-	105	36
YELLOW BASS	-	-	12	1	12	1
YELLOW PERCH	5,303	623	599	149	5,902	772
YELLOW PIKE	667	299	656	216	1,323	515
UNCLASSIFIED:						
FOR FOOD	-	-	(1)	(1)	(1)	(1)
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	(1)	(1)	(1)	(1)
ARTEMIA (BRINE SHRIMP) EGGS	-	-	139	56	139	56
CRAWFISH	-	-	3,922	698	3,922	698
SHRIMP	-	-	1	1	1	1
MUSSEL SHELLS	-	-	5,884	412	5,884	412
PEARLS AND SLUGS	-	-	-	3	-	3
TURTLES:						
BABY	-	-	4	28	4	28
SLIDER	-	-	17	1	17	1
SNAPPER	-	-	73	16	73	16
SOFT-SHELL	-	-	(1)	2	(1)	2
UNCLASSIFIED	-	-	(1)	(1)	(1)	(1)
FROGS	-	-	43	26	43	26
TOTAL	68,983	5,863	72,892	8,259	141,875	14,122

1/ LESS THAN 500 POUNDS OR $500.

2/ TAKEN FROM IDAHO WATERS.

SECTION 10 - HAWAII FISHERIES

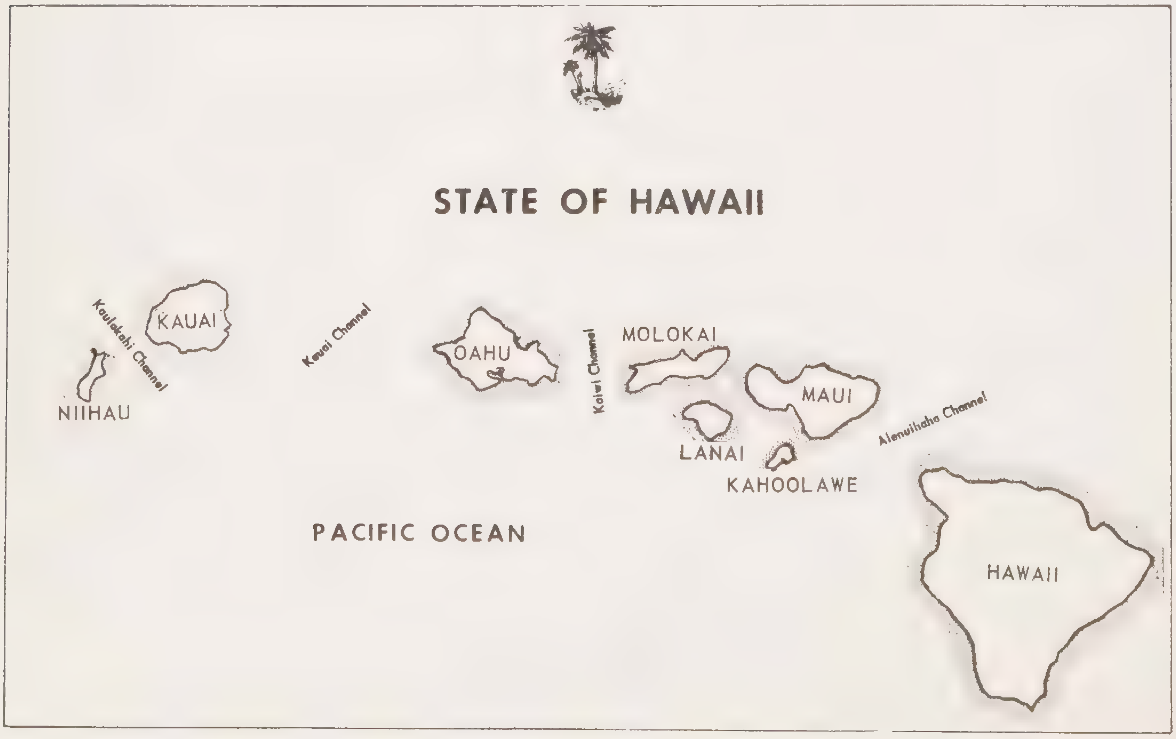
Landings of commercially caught fish and shellfish in the State of Hawaii were 12.9 million pounds worth $3.4 million to the fishermen--a gain of 1.1 million pounds (9 percent) and $374,200 (12 percent) compared with the previous year. The increase resulted principally from a skipjack tuna harvest of 9.3 million pounds worth $1.5 million--1.3 million pounds and $275,300 more than in 1967. The skipjack catch, however, was somewhat less than the 10-year average (1958-67) of 10 million pounds. Landings of all other species of tuna declined slightly compared with a year earlier. Total tuna landings of 10.3 million pounds worth $2.3 million were 80 percent of the volume and 65 percent of the value of the Hawaii catch.

Among other leading species, landings of bigeye scad (898,770 pounds) increased 5 percent; striped marlin (411,986 pounds), 4 percent; and jack mackerel (241,279 pounds), 14 percent.

Fishery products were landed at six of the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 10.7 million pounds. The Island of Hawaii was next with 960,900 pounds, followed by Maui with 921,500 pounds. The rest of the landings were made at Kauai, Molokai, and Lanai. In 1968, the catch was taken by 1,032 fishermen who operated 63 vessels of 5 net tons or more, 466 motor boats, and 14 other boats.

The data in this section were assembled and prepared for publication by the Bureau's area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.

The following tables contain summarized and detailed information on the 1968 operating units and catch by islands of the State of Hawaii. Condensed summary data on the operating units and catch of Hawaii, appearing in the following pages, have been published previously in Current Fishery Statistics No. 5248.



HAWAII FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ISLAND	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAWAII	951	248	11	14	962	262
MOLOKAI	23	10	3	6	26	16
OAHU	10,664	2,824	44	43	10,708	2,867
KAUAI	267	94	4	3	271	97
MAUI	915	197	7	9	922	206
LANAI	7	3	(1)	(1)	7	3
TOTAL	12,827	3,376	69	75	12,896	3,451

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF OPERATING UNITS, 1968

ITEM	TOTAL
	NUMBER
FISHERMEN:	
ON VESSELS	292
ON BOATS AND SHORE	740
TOTAL	1,032
VESSELS, MOTOR	63
GROSS TONNAGE	1,844
BOATS:	
MOTOR	466
OTHER	14

NOTE:--DATA ARE NOT AVAILABLE ON THE NUMBER AND SIZE OF GEAR USED IN THE HAWAII FISHERIES. THERE WERE 32 FISHERY WHOLESALING AND PROCESSING ESTABLISHMENTS IN THE STATE OF HAWAII IN 1968. PEAK EMPLOYMENT IN THESE PLANTS TOTALED 355 PERSONS.

HAWAII - CATCH BY SPECIES, 1968

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH:	FISH		
AMBERJACK	KAHALA	86,312	$29,666
ANCHOVY	NEHU	325	245
BARRACUDA	KAKU	2,278	538
BARRACUDA, JAPANESE	KAWELEA	4,405	1,941
BIGEYE SCAD	AKULE	898,770	340,004
BONEFISH	OIO	30,269	6,223
CREVALLE:			
	OMAKA	536	368
BLUE	ULUA OMILU	6,419	4,276
JACK	ULUA	77,490	41,341
DAMSELFISH	KUPIPI	1,479	388
DOLPHIN	MAHIMAHI	70,078	49,368
EELS:			
CONGER	PUHI	1,347	148
MORAY	PUHI	2,433	134
GOATFISHES:			
	KUMU	8,920	10,827
	MALU	1,091	686
	MOANA	12,442	7,331
	MOELUA	5,284	3,202
	WEKE	26,575	10,100
	WEKE-ULA	11,109	7,313
MACKEREL, JACK	OPELU	241,279	96,826
MARLIN:			
BLACK	A'U	94,779	36,954
SAILFISH	A'U LEPE	12,578	2,491
SILVER	A'U	4,514	2,916
STRIPED	A'U	411,986	181,756
UNCLASSIFIED	A'U	546	317

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY SPECIES, 1968 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH CONTINUED:	FISH CONTINUED		
MILKFISH	AWA	26,061	$7,842
MOUNTAIN BASS	AHOLEHOLE	7,291	4,688
MULLET	AMAAMA	26,740	27,898
PARROT FISH	UHU	3,075	1,062
RED BIGEYE	AWEOWEO	1,790	704
RUDDERFISH	NENUE	1,616	697
RUNNER	LAE	1,002	213
SARDINE	MAKIAWA	24	9
SEA BASS, BLACK	HAPUUPUU	20,865	12,430
SNAPPER:			
GRAY	UKU	49,256	24,496
PINK	KALIKALI	5,103	3,467
PINK	OPAKAPAKA	84,620	49,937
RED	ULAULA OR EHU	22,596	20,394
RED	ULAULA KOAE	69,656	76,868
SPOT	A'WA	1,023	122
SQUIRRELFISH	UU	8,966	6,489
SURGEON FISH:			
	KALA	21,154	3,159
	MAIKO	422	110
	PALANI	7,733	1,668
	PUALU	8,783	1,407
SWORDFISH	A'U	10,429	1,944
TANG:			
CONVICT	MANINI	8,519	4,535
ORANGE SPOT	NAENAE	240	22
TENPOUNDER	AWAAWA	4,418	1,342
THREADFIN	MOI	11,003	10,750
TILAPIA	. . . .	1	(1)
TRIGGERFISH	HUMUHUMU	2,600	809
TUNA:			
ALBACORE	AHIPALAHA	22,640	8,213
BIGEYE AND BLUEFIN	AHI	563,916	498,553
LITTLE	KAWAKAWA	27,479	4,900
SKIPJACK	AKU	9,316,463	1,539,415
YELLOWFIN	AHI	411,871	204,480
TOTAL TUNA	. . . .	10,342,369	2,255,561
WAHOO	ONO	23,599	6,717
UNCLASSIFIED	. . . .	30,976	9,749
TOTAL FISH		12,815,174	3,370,448
	SHELLFISH, ETC.		
CRABS:			
	KONA	36,591	35,919
	KUAHONU	3,113	3,022
	MOALA	1,571	791
	PAPAI	3,931	1,683
	SAMOAN	158	186
LIMPET	OPIHI	5,339	18,927
LOBSTERS:			
SLIPPER	ULAPAPAPA	24	20
SPINY	ULA	4,516	4,297
OCTOPUS	HEE	5,736	3,793
SEA URCHIN	WANA	83	7
SEAWEED	LIMU	355	112
SHRIMP	OPAE	496	618
SQUID	MUHEE	3,294	2,148
TREPANG (SEA CUCUMBER)	. . . .	84	84
TURTLE	HONU	3,063	2,400
TOTAL SHELLFISH, ETC.		68,354	74,007
TOTAL OCEAN CATCH		12,883,528	3,444,455
POND CATCH: 2/	FISH		
BARRACUDA	KAKU	87	74
BONEFISH	OIO	2,519	972
CREVALLE, JACK	ULUA	364	313

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

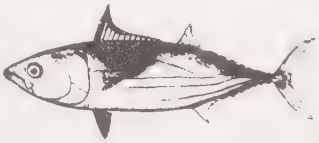
HAWAII - CATCH BY SPECIES, 1968 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
POND CATCH 2/ CONTINUED:	FISH CONTINUED		
MILKFISH	AWA	5,978	$2,998
MOUNTAIN BASS	AHOLEHOLE	8	3
MULLET	AMAAMA	1,132	1,163
RUNNER	LAE	136	41
SURGEON FISH	PUALU	11	3
TENPOUNDER	AWAAWA	247	83
THREADFIN	MOI	80	69
UNCLASSIFIED		1,193	605
TOTAL FISH		11,755	6,324
	SHELLFISH		
CRABS:			
	KUAHONU	21	15
	MOALA	6	1
	SAMOAN	264	198
TOTAL SHELLFISH		291	214
TOTAL POND CATCH		12,046	6,538
GRAND TOTAL		12,895,574	3,450,993

1/ LESS THAN 50 CENTS.

2/ SALT-WATER.

NOTE:--STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. DATA ON UNIVALVE MOLLUSKS (LIMPETS) REPRESENT THE WEIGHT OF MEATS EXCLUDING THE SHELL. THE WEIGHT OF MEATS FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.



SKIPJACK TUNA

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1968

ITEM	HAWAII							
	HAUL SEINES	POTS AND TRAPS	GILL NETS	LINES				LIFT NETS
				HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	1	10	2	3	-
ON BOATS AND SHORE. . . .	1	2	16	85	4	36	6	13
TOTAL	1	2	16	86	14	38	9	13
VESSELS, MOTOR.	-	-	-	1	1	2	1	-
GROSS TONNAGE	-	-	-	13	51	28	19	-
BOATS:								
MOTOR	1	2	5	59	1	33	3	11
OTHER	-	-	-	1	-	-	-	1

ITEM	HAWAII - CONTINUED						MOLOKAI	
	CAST NETS	BY HAND	SPEARS	POND 1/	MISCEL-LANEOUS GEAR	TOTAL, EXCLUSIVE OF DU-PLICATION	GILL NETS	LINES
								HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	-	15	-	-
ON BOATS AND SHORE. . . .	10	15	1	1	11	157	20	2
TOTAL	10	15	1	1	11	172	20	2
VESSELS, MOTOR.	-	-	-	-	-	4	-	-
GROSS TONNAGE	-	-	-	-	-	98	-	-
BOATS:								
MOTOR	2	-	1	-	3	92	11	2
OTHER	-	-	-	-	-	1	-	-

ITEM	MOLOKAI - CONTINUED						OAHU	
	LINES - CONTINUED	BY HAND	SPEARS	POND 1/	MISCEL-LANEOUS GEAR	TOTAL, EXCLUSIVE OF DU-PLICATION	HAUL SEINES	BAG NETS
	TROLL							
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	-	-	-	40
ON BOATS AND SHORE. . . .	2	1	1	2	2	27	1	1
TOTAL	2	1	1	2	2	27	1	41
VESSELS, MOTOR.	-	-	-	-	-	-	-	4
GROSS TONNAGE	-	-	-	-	-	-	-	117
BOATS, MOTOR.	2	-	1	-	-	13	-	3

ITEM	OAHU - CONTINUED							
	POTS AND TRAPS	GILL NETS	LINES				LIFT NETS	CAST NETS
			HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	1	41	12	114	22	60	1	-
ON BOATS AND SHORE. . . .	50	104	199	5	25	10	12	8
TOTAL	51	145	211	119	47	70	13	8
VESSELS, MOTOR.	1	5	8	13	14	18	1	-
GROSS TONNAGE	27	134	163	607	332	404	18	-
BOATS:								
MOTOR	26	68	137	15	24	8	11	4
OTHER	-	2	1	-	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1968 - Continued

ITEM	OAHU - CONTINUED					KAUAI		
	BY HAND	SPEARS	POND 1/	MISCEL-LANEOUS GEAR	TOTAL, EXCLUSIVE OF DU-PLICATION	HAUL SEINES	BAG NETS	POTS AND TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	245	-	8	-
ON BOATS AND SHORE. . . .	3	5	4	22	351	5	1	2
TOTAL	3	5	4	22	596	5	9	2
VESSELS, MOTOR.	-	-	-	-	55	-	1	-
GROSS TONNAGE	-	-	-	-	1,601	-	31	-
BOATS:								
MOTOR	1	4	2	11	228	1	-	1
OTHER	-	-	-	-	3	2	1	-

ITEM	KAUAI - CONTINUED							MAUI
	GILL NETS	LINES			LIFT NETS	CAST NETS	TOTAL, EXCLUSIVE OF DU-PLICATION	HAUL SEINES
		HAND	TROLL	LONG OR SET WITH HOOKS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	2	2	2	-	-	10	-
ON BOATS AND SHORE. . . .	20	37	34	2	4	4	62	4
TOTAL	20	39	36	4	4	4	72	4
VESSELS, MOTOR.	-	1	1	1	-	-	2	-
GROSS TONNAGE	-	9	9	9	-	-	40	-
BOATS:								
MOTOR	9	33	32	2	3	3	45	4
OTHER	8	1	1	-	1	1	10	-

ITEM	MAUI - CONTINUED							
	BAG NETS	POTS AND TRAPS	GILL NETS	LINES			LIFT NETS	CAST NETS
				HAND	POLE AND LINE	TROLL		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	22	-	-	-
ON BOATS AND SHORE. . . .	8	3	43	80	-	11	8	1
TOTAL	8	3	43	80	22	11	8	1
VESSELS, MOTOR.	-	-	-	-	2	-	-	-
GROSS TONNAGE	-	-	-	-	105	-	-	-
BOATS, MOTOR.	4	2	19	57	2	10	6	-

ITEM	MAUI - CONTINUED				LANAI
	BY HAND	SPEARS	MISCEL-LANEOUS GEAR	TOTAL, EX-CLUSIVE OF DUPLICATION	GILL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	-	-	22	-
ON BOATS AND SHORE. . . .	11	5	2	127	3
TOTAL	11	5	2	149	3
VESSELS, MOTOR.	-	-	-	2	-
GROSS TONNAGE	-	-	-	105	-
BOATS, MOTOR.	-	2		76	1

ITEM	LANAI - CONTINUED			
	LINES		CAST NETS	TOTAL, EX-CLUSIVE OF DUPLICATION
	HAND	TROLL		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE.	14	12	2	16
BOATS, MOTOR.	11	10	-	12

1/ SEINES, MISCELLANEOUS NETS, AND BY HAND.

NOTE:--DATA ARE INCOMPLETE. NUMBER AND QUANTITY OF GEAR NOT AVAILABLE.

HAWAII - CATCH BY ISLANDS, 1968

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:	FISH						
AMBERJACK	KAHALA.	13,441	$3,614	43	$11	39,900	$14,561
ANCHOVY	NEHU.	-	-	-	-	325	245
BARRACUDA	KAKU.	703	169	39	20	1,223	263
BARRACUDA, JAPANESE .	KAWELEA	3,122	1,483	-	-	545	200
BIGEYE SCAD	AKULE	30,786	17,083	18,362	7,349	583,944	230,531
BONEFISH.	OIO	4,387	1,000	179	56	9,044	2,482
CREVALLE:							
	OMAKA	-	-	-	-	536	368
BLUE.	ULUA OMILU.	-	-	41	20	5,603	3,630
JACK.	ULUA.	10,840	3,866	1,310	843	53,584	30,213
DAMSELFISH.	KUPIPI.	-	-	-	-	1,474	385
DOLPHIN	MAHIMAHI.	12,054	4,949	35	16	55,593	43,545
EELS:							
CONGER.	PUHI.	52	18	-	-	1,295	130
MORAY	PUHI.	-	-	-	-	2,433	134
GOATFISHES:							
	KUMU.	90	89	6	4	8,243	10,258
	MALU.	-	-	-	-	1,091	686
	MOANA	674	470	-	-	11,712	6,633
	WEKE.	731	554	943	275	23,697	8,763
	WEKE-ULA.	794	556	-	-	9,035	5,991
MACKEREL, JACK. . . .	OPELU	102,026	42,085	25	11	84,813	37,520
MARLIN:							
BLACK	A'U	22,803	5,214	-	-	71,698	31,670
SAILFISH.	A'U LEPE.	416	126	-	-	12,162	2,365
SILVER.	A'U	1,826	1,320	-	-	2,688	1,596
STRIPED	A'U	20,751	9,232	-	-	391,235	172,524
UNCLASSIFIED. . . .	A'U	-	-	-	-	546	317
MILKFISH.	AWA	237	43	176	56	21,533	6,504
MOUNTAIN BASS	AHOLEHOLE	241	173	14	7	6,009	3,776
MULLET.	AMAAMA.	269	289	410	317	20,606	21,987
PARROT FISH	UHU	91	32	-	-	2,849	983
RED BIGEYE.	AWEOWEO	1,127	465	5	1	404	139
RUDDERFISH.	NENUE	419	152	-	-	532	252
RUNNER.	LAE	-	-	8	1	376	76
SEA BASS, BLACK . . .	HAPUUPUU.	1,218	518	4	3	16,249	10,279
SNAPPER:							
GRAY.	UKU	2,916	1,229	-	-	37,595	19,086
PINK.	KALIKALI.	630	386	-	-	4,471	3,080
PINK.	OPAKAPAKA	5,070	2,559	602	379	40,394	26,644
RED	ULAULA OR EHU . . .	3,166	2,575	-	-	18,163	17,066
RED	ULAULA KOAE	10,056	6,052	-	-	58,344	70,022
SPOT.	A'WA.	688	76	-	-	232	23
SQUIRRELFISH.	UU.	2,829	2,010	525	395	4,312	3,265
SURGEON FISH:							
	KALA.	34	2	-	-	19,174	2,715
	MAIKO	170	79	-	-	252	31
	PALANI.	265	31	63	18	7,100	1,531
	PUALU	19	2	-	-	8,737	1,397
SWORDFISH	A'U	1,021	152	-	-	9,408	1,792
TANG:							
CONVICT	MANINI.	1,281	660	111	56	5,303	2,850
ORANGE SPOT	NAENAE.	-	-	-	-	240	22
TENPOUNDER.	AWAAWA.	-	-	-	-	4,305	1,318
THREADFIN	MOI	500	441	84	57	5,585	6,371
TILAPIA	. . . .	1	(1)	-	-	-	-
TRIGGERFISH	HUMUHUMU.	1,108	280	-	-	1,492	529
TUNA:							
ALBACORE.	AHIPALAHA	424	211	-	-	22,216	8,002
BIGEYE AND BLUEFIN.	AHI	40,931	32,542	-	-	522,985	466,011
LITTLE.	KAWAKAWA.	885	226	20	4	20,796	2,988
SKIPJACK.	AKU	539,811	58,325	-	-	8,110,903	1,376,981
YELLOWFIN	AHI	88,338	41,625	-	-	288,627	151,223
TOTAL TUNA. . . .	. . . .	670,389	132,929	20	4	8,965,527	2,005,205
WAHOO	ONO	8,918	2,959	-	-	9,744	2,292
UNCLASSIFIED.	. . . .	12,464	2,369	-	-	11,174	3,564
TOTAL FISH.	. . . .	950,623	248,291	23,005	9,899	10,652,535	2,818,015
SHELLFISH, ETC.							
CRABS:							
	KONA.	975	797	-	-	32,110	33,164
	KUAHONU	-	-	-	-	3,113	3,022

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY ISLANDS, 1968 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH CONTINUED:	SHELLFISH, ETC. CONTINUED						
CRABS CONTINUED:							
	MOALA	-	-	-	-	1,571	$791
	PAPAI	2,953	$1,333	46	$30	914	311
	SAMOAN	-	-	-	-	158	186
LIMPET 2/	OPIHI	2,028	8,350	1,369	4,503	-	-
LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	-	-	24	20
SPINY	ULA	-	-	33	33	3,816	3,816
OCTOPUS	HEE	44	43	972	572	2,001	1,398
SEAWEED	LIMU	-	-	-	-	300	60
SQUID	MUHEE	2,054	1,236	-	-	-	-
TREPANG (SEA CUCUMBER)		84	84	-	-	-	-
TURTLE	HONU	2,119	1,546	824	824	-	-
TOTAL SHELLFISH, ETC.		10,257	13,389	3,244	5,962	44,007	42,768
TOTAL OCEAN CATCH		960,880	261,680	26,249	15,861	10,696,542	2,860,763
POND CATCH 3/:	FISH						
BARRACUDA	KAKU	-	-	-	-	87	74
BONEFISH	OIO	-	-	100	35	2,419	937
CREVALLE, JACK	ULUA	-	-	60	48	304	265
MILKFISH	AWA	-	-	-	-	5,978	2,998
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	8	3
MULLET	AMAAMA	-	-	130	162	1,002	1,001
RUNNER	LAE	-	-	-	-	136	41
SURGEON FISH	PUALU	-	-	-	-	11	3
TENPOUNDER	AWAAWA	-	-	-	-	247	83
THREADFIN	MOI	-	-	-	-	80	69
UNCLASSIFIED		-	-	-	-	1,193	605
TOTAL FISH		-	-	290	245	11,465	6,079
	SHELLFISH, ETC.						
CRABS:							
	KUAHONU	-	-	-	-	21	15
	MOALA	-	-	-	-	6	1
	SAMOAN	-	-	-	-	264	198
TOTAL SHELLFISH, ETC.		-	-	-	-	291	214
TOTAL POND CATCH		-	-	290	245	11,756	6,293
GRAND TOTAL		960,880	261,680	26,539	16,106	10,708,298	2,867,076

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:	FISH						
AMBERJACK	KAHALA	28,688	$10,473	4,234	$1,007	-	-
BARRACUDA	KAKU	228	56	52	16	33	$14
BARRACUDA, JAPANESE	KAWELEA	26	8	701	240	11	4
BIGEYE SCAD	AKULE	146,353	48,985	117,075	34,780	2,250	1,276
BONEFISH	OIO	12,848	1,825	3,756	847	55	13
CREVALLE:							
BLUE	ULUA OMILU	700	590	75	36	-	-
JACK	ULUA	1,981	857	9,483	5,398	292	164
DAMSELFISH	KUPIPI	-	-	5	3	-	-
DOLPHIN	MAHIMAHI	1,643	537	660	283	93	38
GOATFISHES:							
	KUMU	135	170	446	306	-	-
	MOANO	-	-	56	28	-	-
	MOELUA	-	-	5,138	3,098	146	104
	WEKE	401	201	803	307	-	-
	WEKE-ULA	1,280	766	-	-	-	-
MACKEREL, JACK	OPELU	9,839	2,867	43,319	13,738	1,257	605
MARLIN, BLACK	A'U	278	70	-	-	-	-
MILKFISH	AWA	188	68	3,927	1,171	-	-
MOUNTAIN BASS	AHOLEHOLE	165	126	862	606	-	-
MULLET	AMAAMA	4,790	4,642	665	663	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY ISLANDS, 1968 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH CONTINUED:	FISH CONTINUED						
PARROT FISH	UHU	16	$8	119	$39	-	-
RED BIGEYE	AWEOWEO	150	58	104	41	-	-
RUDDERFISH	NENUE	506	222	159	71	-	-
RUNNER	LAE	52	8	566	128	-	-
SARDINE	MAKIAWA	-	-	24	9	-	-
SEA BASS, BLACK	HAPUUPUU	1,476	554	1,910	1,072	6	$4
SNAPPER:							
GRAY	UKU	4,426	1,612	4,141	2,262	178	107
PINK	KALIKALI	-	-	2	1	-	-
PINK	OPAKAPAKA	268	106	38,197	20,209	89	40
RED	ULAULA OR EHU	296	178	965	573	6	2
RED	ULAULA KOAE	49	29	1,161	735	46	30
SPOT	A'WA	-	-	103	23	-	-
SQUIRRELFISH	UU	424	271	876	548	-	-
SURGEON FISH:							
	KALA	413	113	1,533	329	-	-
	PALANI	26	5	279	83	-	-
	PUALU	-	-	27	8	-	-
TANG, CONVICT	MANINI	1,368	712	142	92	314	165
TENPOUNDER	AWAAWA	-	-	113	24	-	-
THREADFIN	MOI	4,018	3,331	796	542	20	8
TUNA:							
LITTLE	KAWAKAWA	1,822	437	2,504	751	1,452	494
SKIPJACK	AKU	6,301	1,540	658,283	102,164	1,165	405
YELLOWFIN	AHI	31,556	10,887	3,340	741	10	4
TOTAL TUNA		39,679	12,864	664,127	103,656	2,627	903
WAHOO	ONO	3,893	995	1,044	471	-	-
UNCLASSIFIED		292	132	7,034	3,676	12	8
TOTAL FISH		266,895	93,639	914,679	197,119	7,437	3,485
SHELLFISH, ETC.							
CRABS:							
	KONA	1,406	892	2,100	1,066	-	-
	PAPAI	-	-	18	9	-	-
LIMPET 2/	OPIHI	53	193	1,889	5,881	-	-
LOBSTER, SPINY	ULA	154	134	513	314	-	-
OCTOPUS	HEE	991	775	1,634	953	94	52
SEA URCHIN	WANA	-	-	83	7	-	-
SEAWEED	LIMU	55	52	-	-	-	-
SHRIMP	OPAE	-	-	496	618	-	-
SQUID	MUHEE	1,235	909	5	3	-	-
TURTLE	HONU	-	-	120	30	-	-
TOTAL SHELLFISH, ETC.		3,894	2,955	6,858	8,881	94	52
TOTAL OCEAN CATCH		270,789	96,594	921,537	206,000	7,531	3,537
GRAND TOTAL		270,789	96,594	921,537	206,000	7,531	3,537

1/ LESS THAN 50 CENTS

2/ WEIGHT OF MEATS. BASED ON A YIELD OF 20 PERCENT.

3/ SALT-WATER.

HAWAII - CATCH BY GEAR, 1968

SPECIES		HAUL SEINES		BAG NETS	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	KAHALA	-	-	137	$65
BARRACUDA	KAKU	15	$3	-	-
BIGEYE SCAD	AKULE	3,895	1,733	680,061	233,534
BONEFISH	OIO	1,233	261	20,719	3,787
CREVALLE:					
BLUE	ULUA OMILU	31	16	-	-
JACK	ULUA	3,839	2,768	11,982	10,854
DAMSELFISH	KUPIPI	404	143	32	15
GOATFISHES:					
	KUMU	75	106	5	7
	MOANA	2	1	-	-
	WEKE	877	326	2,228	1,244
MACKEREL, JACK	OPELU	1,501	485	-	-
MILKFISH	AWA	3,615	993	8,509	2,755
MOUNTAIN BASS	AHOLEHOLE	1,016	762	4,510	2,655
MULLET	AMAAMA	4,087	4,974	-	-
PARROT FISH	UHU	775	264	385	186
RUDDERFISH	NENUE	112	57	269	147
RUNNER	LAE	292	65	-	-
SNAPPER, GRAY	UKU	199	97	-	-
SPOT	A'WA	8	2	-	-
SQUIRRELFISH	UU	18	9	-	-
SURGEON FISH:					
	KALA	10,518	1,392	3,807	589
	MAIKO	220	27	30	4
	PALANI	1,670	272	982	205
	PUALU	6,205	907	1,116	259
TANG, CONVICT	MANINI	2,059	1,188	248	150
TENPOUNDER	AWAAWA	522	246	154	56
THREADFIN	MOI	25	15	6,606	7,042
TRIGGERFISH	HUMUHUMU	25	19	-	-
UNCLASSIFIED FISH		513	156	3	2
TOTAL		43,751	17,289	741,883	263,556

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	KAHALA	1,008	$269	-	-	85,167	$29,332
BARRACUDA	KAKU	5	4	45	$26	1,127	295
BARRACUDA, JAPANESE	KAWELEA	48	15	124	34	4,190	1,878
BIGEYE SCAD	AKULE	5	2	37,522	15,361	177,130	89,286
BONEFISH	OIO	11	4	1,240	339	6,881	1,783
CREVALLE:							
	OMAKA	-	-	185	120	351	248
BLUE	ULUA OMILU	1,342	575	744	612	4,302	3,073
JACK	ULUA	6,366	3,350	2,210	1,716	51,337	21,962
DAMSELFISH	KUPIPI	885	151	55	28	3	1
DOLPHIN	MAHIMAHI	-	-	-	-	40,313	23,854
EEL:							
CONGER	PUHI	1,287	129	8	1	52	18
MORAY	PUHI	2,416	133	7	(1)	10	1
GOATFISHES:							
	KUMU	6,125	7,709	1,747	1,839	299	383
	MALU	1,091	686	-	-	-	-
	MOANA	11,348	6,610	14	7	1,077	712
	MOELUA	-	-	10	6	5,270	3,193
	WEKE	6,958	1,980	8,902	3,392	890	650
	WEKE-ULA	5,390	2,835	-	-	5,715	4,476
MACKEREL, JACK	OPELU	-	-	2,188	524	130,152	55,012
MARLIN:							
BLACK	A'U	-	-	-	-	762	306
SILVER	A'U	-	-	-	-	326	192
STRIPED	A'U	-	-	-	-	1,132	437
MILKFISH	AWA	-	-	12,064	3,505	869	232
MOUNTAIN BASS	AHOLEHOLE	3	2	1,520	1,095	135	96
MULLET	AMAAMA	-	-	21,902	22,021	124	141
PARROT FISH	UHU	790	284	604	162	18	8
RED BIGEYE	AWEOWEO	45	10	394	136	1,348	557
RUDDERFISH	NENUE	8	2	570	230	204	81
RUNNER	LAE	1	(1)	622	135	72	10
SARDINE	MAKIAWA	-	-	16	7	8	2
SEA BASS, BLACK	HAPUUPUU	10	10	-	-	20,855	12,420

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY GEAR, 1968 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, NET OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SNAPPER:							
GRAY	UKU	502	$216	100	$34	48,452	$24,147
PINK	KALIKALI	-	-	-	-	5,103	3,467
PINK	OPAKAPAKA	410	194	-	-	84,210	49,743
RED	ULAULA OR EHU	-	-	-	-	22,596	20,394
RED	ULAULA KOAE	-	-	-	-	69,656	76,868
SPOT	A'WA	66	8	48	8	901	104
SQUIRRELFISH	UU	786	594	977	643	6,994	5,112
SURGEON FISH:							
	KALA	1,954	83	1,191	592	6	(1)
	MAIKO	-	-	6	1	-	-
	PALANI	3,582	713	952	386	183	41
	PUALU	723	126	18	6	173	24
SWORDFISH	A'U	-	-	-	-	410	66
TANG:							
CONVICT	MANINI	2,057	989	406	240	-	-
ORANGE SPOT	NAENAE	240	22	-	-	-	-
TENPOUNDER	AWAAWA	-	-	561	127	3,092	891
THREADFIN	MOI	2	2	3,660	3,146	182	202
TILAPIA		-	-	-	-	1	(1)
TRIGGERFISH	HUMUHUMU	1,444	505	-	-	1,131	285
TUNA:							
LITTLE	KAWAKAWA	-	-	-	-	24,799	4,085
SKIPJACK	AKU	-	-	-	-	9,311,113	1,537,952
YELLOWFIN	AHI	-	-	-	-	178,390	44,881
WAHOO	ONO	-	-	-	-	10,073	3,175
UNCLASSIFIED		2,756	1,130	739	304	13,921	7,523
CRABS:							
	KUAHONU	3,054	2,964	-	-	-	-
	MOALA	1,515	763	-	-	-	-
	PAPAI	2,474	1,115	-	-	-	-
	SAMOAN	8	8	-	-	-	-
LOBSTERS:							
SLIPPER	ULAPAPAPA	24	20	-	-	-	-
SPINY	ULA	1,789	1,696	2,668	2,542	-	-
OCTOPUS	HEE	796	481	-	-	48	40
SQUID	MUHEE	-	-	-	-	946	606
TURTLE	HONU	-	-	2,943	2,370	-	-
TOTAL		69,324	36,389	106,962	61,695	10,322,499	2,030,245

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	KAKU	134	$44	947	$164	-	-
BARRACUDA, JAPANESE	KAWELEA	24	7	-	-	-	-
CREVALLE, JACK	ULUA	1,443	465	-	-	15	$9
DOLPHIN	MAHIMAHI	7,855	5,218	21,910	20,296	-	-
MACKEREL, JACK	OPELU	-	-	-	-	107,377	40,762
MARLIN:							
BLACK	A'U	26,491	6,303	67,526	30,345	-	-
SAILFISH	A'U LEPE	84	17	12,494	2,474	-	-
SILVER	A'U	-	-	4,188	2,724	-	-
STRIPED	A'U	2,849	1,014	408,005	180,305	-	-
UNCLASSIFIED	A'U	546	317	-	-	-	-
SWORDFISH	A'U	-	-	10,019	1,878	-	-
TUNA:							
ALBACORE	AHIPALAHA	-	-	22,640	8,213	-	-
BIGEYE AND BLUEFIN	AHI	494	99	563,422	498,454	-	-
LITTLE	KAWAKAWA	2,680	815	-	-	-	-
SKIPJACK	AKU	3,948	1,113	1,402	350	-	-
YELLOWFIN	AHI	15,645	6,324	217,836	153,275	-	-
WAHOO	ONO	6,340	1,928	7,186	1,614	-	-
UNCLASSIFIED		5	1	12,807	531	5	5
CRABS:							
	KONA	-	-	-	-	36,591	35,919
	KUAHONU	-	-	-	-	59	58
	MOALA	-	-	-	-	56	28
	PAPAI	-	-	-	-	1,457	568
	SAMOAN	-	-	-	-	150	178
TOTAL		68 538	23,665	1,350,382	900,623	145,710	77,527

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY GEAR, 1968 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GOATFISH	MOANA	1	$1	-	-	-	-
MOUNTAIN BASS	AHOLEHOLE	107	78	-	-	-	-
MULLET	AMAAMA	100	97	-	-	-	-
PARROT FISH	UHU	48	18	-	-	-	-
RUDDERFISH	NENUE	78	28	-	-	-	-
SURGEON FISH:							
	MAIKO	166	78	-	-	-	-
	PALANI	23	5	-	-	-	-
	PUALU	13	1	-	-	-	-
TANG, CONVICT	MANINI	3,727	1,952	-	-	-	-
THREADFIN	MOI	485	313	-	-	-	-
UNCLASSIFIED	. . . .	163	67	-	-	-	-
LIMPET	OPIHI	-	-	28	$113	5,311	$18,814
LOBSTER, SPINY	ULA	-	-	-	-	59	59
OCTOPUS	HEE	-	-	4,892	3,272	-	-
TURTLE	. . . .	-	-	120	30	-	-
TOTAL	. . . .	4,911	2,638	5,040	3,415	5,370	18,873

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVY	NEHU	325	$245	-	-	-	-
BARRACUDA	KAKU	5	2	-	-	87	$74
BARRACUDA, JAPANESE	KAWELEA	19	7	-	-	-	-
BIGEYE SCAD	AKULE	157	88	-	-	-	-
BONEFISH	OIO	185	49	-	-	2,519	972
CREVALLE, JACK	ULUA	292	215	6	$2	364	313
DAMSELFISH	KUPIPI	100	50	-	-	-	-
GOATFISHES:							
	KUMU	624	722	45	59	-	-
	MOELUA	4	3	-	-	-	-
	WEKE	6,720	2,508	-	-	-	-
	WEKE-ULA	-	-	4	2	-	-
MACKEREL, JACK	OPELU	61	43	-	-	-	-
MILKFISH	AWA	904	357	-	-	5,978	2,998
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	8	3
MULLET	AMAAMA	527	665	-	-	1,132	1,163
PARROT FISH	UHU	167	56	288	84	-	-
RED BIGEYE	AWEOWEO	3	1	-	-	-	-
RUDDERFISH	NENUE	375	152	-	-	-	-
RUNNER	LAE	15	3	-	-	136	41
SNAPPER, GRAY	UKU	3	2	-	-	-	-
SQUIRRELFISH	UU	169	112	22	19	-	-
SURGEON FISH:							
	KALA	3,678	503	-	-	-	-
	PALANI	340	46	1	(1)	-	-
	PUALU	535	84	-	-	11	3
TANG, CONVICT	MANINI	22	16	-	-	-	-
TENPOUNDER	AWAAWA	89	22	-	-	247	83
THREADFIN	MOI	43	30	-	-	80	69
UNCLASSIFIED	. . . .	22	8	42	22	1,193	605
CRABS:							
	KUAHONU	-	-	-	-	21	15
	MOALA	-	-	-	-	6	1
	SAMOAN	-	-	-	-	264	198
SEA URCHIN	WANA	-	-	83	7	-	-
SEAWEED	LIMU	-	-	355	112	-	-
SHRIMP	OPAE	496	618	-	-	-	-
SQUID	MUHEE	-	-	2,348	1,542	-	-
TREPANG (SEA CUCUMBER)	. . . .	-	-	84	84	-	-
TOTAL	. . . .	15,880	6,607	3,278	1,933	12,046	6,538

1/ LESS THAN 50 CENTS.

SECTION 11 - PUERTO RICO FISHERIES

The Puerto Rico catch is not included in the U.S. catch tables in the General Review or Review of Certain Major Fisheries sections.

Puerto Rico landings of 118.9 million pounds worth $19 million to the fishermen increased 9.8 million pounds and $5.6 million compared with 1967. The record tuna catch of 107.7 million pounds valued at a record $15.6 million was 91 percent of the volume and 82 percent of the value of the Puerto Rico harvest.

Tuna landed by U.S. fishermen in Puerto Rico were caught only in the Pacific Ocean until 1962, when 9 percent of the catch was taken in the Atlantic Ocean. Tuna landings from the Atlantic have fluctuated from a low of 248,000 pounds in 1966 to a record 20.3 million pounds in 1968. More than 66 percent of this production consisted of yellowfin tuna. It was the second reported catch of yellowfin taken in the Atlantic Ocean and landed commercially in Puerto Rico. No bluefin tuna was landed in Puerto Rico in 1968.

The catch by local fishermen, consisting largely of marine fish, was 11.2 million pounds--the same as in 1967. Fishermen used various gear--principally gill nets, haul seines, hooks (hand, troll, and long or set lines), cast nets, fish pots, and weirs.

PUERTO RICO CATCH, 1953-68

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TUNA							
	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953	(1)	(1)	(1)	(1)	(1)	(1)	2,704	(1)
1954	(1)	(1)	(1)	(1)	(1)	(1)	6,388	(1)
1955	(1)	(1)	(1)	(1)	(1)	(1)	9,549	(1)
1956	(1)	(1)	(1)	(1)	(1)	(1)	12,000	(1)
1957	(1)	(1)	(1)	(1)	(1)	(1)	18,393	(1)
1958	(1)	(1)	(1)	(1)	(1)	(1)	16,652	(1)
1959	(1)	(1)	(1)	(1)	(1)	(1)	22,090	(1)
1960	(1)	(1)	5,692	(1)	15,218	(1)	20,910	(1)
1961	(1)	(1)	10,392	(1)	20,658	(1)	31,050	(1)
1962	1,676	(1)	20,086	(1)	7,028	(1)	28,790	(1)
1963 3/	2,494	254	30,454	2,966	4,078	500	37,026	3,720
1964	4,324	476	30,447	2,816	13,622	1,669	48,393	4,961
1965	2,346	287	42,064	4,417	10,166	1,398	54,576	6,102
1966	1,286	176	37,962	4,881	25,450	4,337	64,698	9,394
1967	1,360	150	77,702	7,343	18,820	2,456	97,882	9,949
1968	-	-	46,672	6,096	60,988	9,526	107,660	15,622

YEAR	OTHER							
	FRESH-WATER FISH		UNCLASSIFIED FISH		CRUSTACEANS		MOLLUSKS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953	441	(1)	4,409	(1)	441	(1)	(2)	(1)
1954	441	(1)	4,630	(1)	441	(1)	(2)	(1)
1955	441	(1)	4,630	(1)	661	(1)	(2)	(1)
1956	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1957	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1958	441	(1)	5,071	(1)	661	(1)	(2)	(1)
1959	441	(1)	5,291	(1)	661	(1)	(2)	(1)
1960	441	(1)	5,512	(1)	661	(1)	(2)	(1)
1961	441	(1)	5,952	(1)	661	(1)	(2)	(1)
1962	441	(1)	6,614	(1)	661	(1)	(2)	(1)
1963 3/	441	88	7,496	1,357	1,102	431	(2)	(1)
1964	441	97	8,378	1,843	1,102	551	(2)	(1)
1965	441	110	9,039	2,079	1,323	727	(2)	(1)
1966	441	110	9,039	2,079	1,323	760	(2)	(1)
1967	441	132	8,598	1,934	1,984	1,300	(2)	(1)
1968	441	132	8,598	1,771	1,764	1,330	220	98

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUERTO RICO FISHERIES

PUERTO RICO CATCH, 1953-68 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	OTHER - CONTINUED				GRAND TOTAL	
	MISCELLANEOUS SHELLFISH, ETC.		TOTAL			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953.	(2)	(1)	5,291	(1)	7,995	(1)
1954.	(2)	(1)	5,512	(1)	11,900	(1)
1955.	(2)	(1)	5,732	(1)	15,281	(1)
1956.	(2)	(1)	5,912	(1)	17,052	(1)
1957.	(2)	(1)	5,952	(1)	24,345	(1)
1958.	(2)	(1)	6,173	(1)	22,925	(1)
1959.	(2)	(1)	6,393	(1)	28,453	(1)
1960.	220	(1)	6,834	(1)	27,744	(1)
1961.	220	(1)	7,274	(1)	38,324	(1)
1962.	(2)	(1)	7,716	(1)	36,506	(1)
1963 3/	220	66	9,259	1,942	46,255	5,662
1964.	220	66	10,141	2,557	58,534	7,518
1965.	220	77	11,023	2,093	65,599	9,095
1966.	220	77	11,023	3,026	75,721	12,420
1967.	220	80	11,243	3,446	109,125	13,395
1968.	220	73	11,243	3,404	118,903	19,026

1/ DATA NOT AVAILABLE.

2/ NEGLIGIBLE.

3/ AN ADDITIONAL CATCH OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA WAS LANDED AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

NOTE:--DATA ON THE PUERTO RICO CATCH BY LOCAL FISHERMEN ARE FROM THE YEARBOOK OF FISHERY STATISTICS (VARIOUS YEARS), FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. METRIC TONS HAVE BEEN CONVERTED TO POUNDS BY MULTIPLYING BY 2,204.6. DATA ON TUNA CATCH IN PUERTO RICO BY U.S. FISHERMEN WERE OBTAINED BY THE BUREAU.

PUERTO RICO TUNA CATCH

ATLANTIC AND PACIFIC OCEANS, 1953-68

(THOUSANDS OF POUNDS)

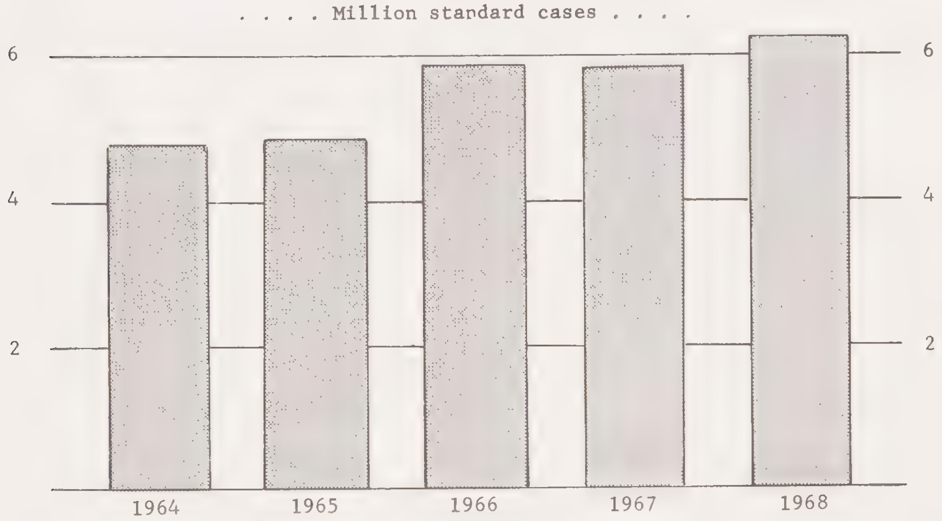
YEAR	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL		GRAND TOTAL
	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1953.	-	(1)	-	(1)	-	(1)	-	2,704	2,704
1954.	-	(1)	-	(1)	-	(1)	-	6,388	6,388
1955.	-	(1)	-	(1)	-	(1)	-	9,549	9,549
1956.	-	(1)	-	(1)	-	(1)	-	12,000	12,000
1957.	-	(1)	-	(1)	-	(1)	-	18,393	18,393
1958.	-	(1)	-	(1)	-	(1)	-	16,652	16,652
1959.	-	(1)	-	(1)	-	(1)	-	22,090	22,090
1960.	-	(1)	-	5,692	-	15,218	-	20,910	20,910
1961.	-	(1)	-	10,392	-	20,658	-	31,050	31,050
1962.	1,676	-	936	19,150	-	7,028	2,612	26,178	28,790
1963 2/	2,494	-	2,326	28,128	-	4,078	4,820	32,206	37,026
1964.	4,324	-	6,508	23,939	-	13,622	10,832	37,561	48,393
1965.	2,346	-	128	41,936	-	10,166	2,474	52,102	54,576
1966.	248	1,038	-	37,962	-	25,450	248	64,450	64,698
1967.	838	522	914	76,788	1,620	17,200	3,372	94,510	97,882
1968.	-	-	6,844	39,828	13,454	47,534	20,298	87,362	107,660

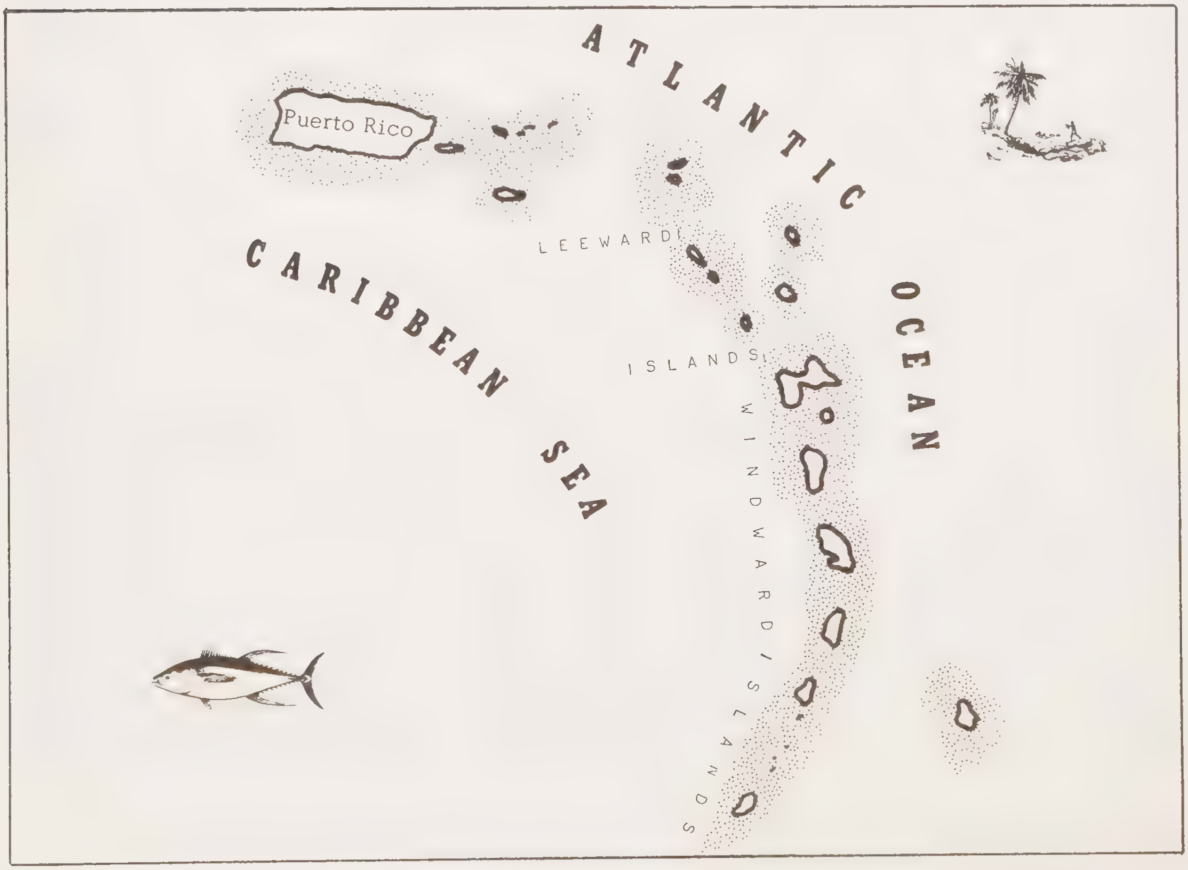
1/ DATA NOT AVAILABLE.

2/ AN ADDITIONAL CATCH OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA WAS LANDED AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

PUERTO RICO FISHERIES

PUERTO RICO PACK OF CANNED TUNA, 1964-68

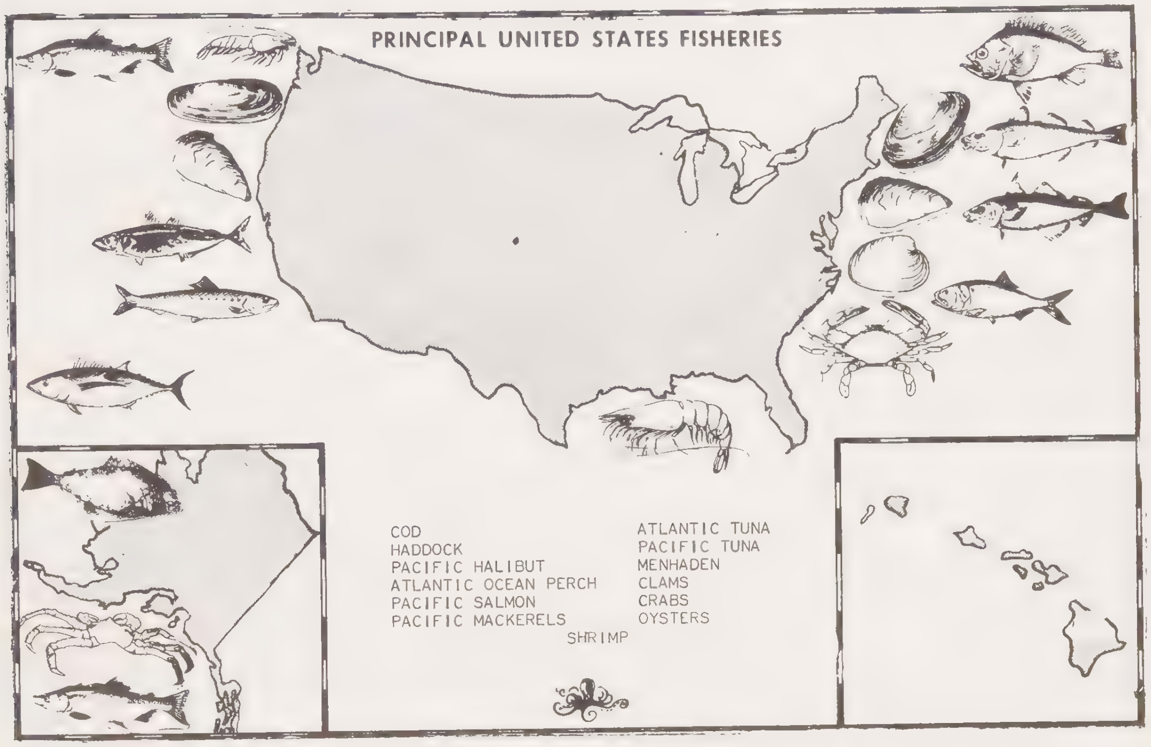



ATLANTIC OCEAN
Puerto Rico
LEEWARD ISLANDS
CARIBBEAN SEA
WINDWARD ISLANDS

SECTION 12

REVIEW OF CERTAIN MAJOR FISHERIES

In this Section, there are complete data on the commercial catch of certain major species of fish and shellfish taken in the U.S. fisheries. Additional information is presented on the operating units for many of these fisheries. Most of the major species are taken by several types of fishing gear operated in two or more States; because of this, the casual reader of the digest may have difficulty in locating complete data. The information contained in this Section includes operating units and the volume and value of the catch by types of gear, by States, or by districts.


PRINCIPAL UNITED STATES FISHERIES
COD
HADDOCK
PACIFIC HALIBUT
ATLANTIC OCEAN PERCH
PACIFIC SALMON
PACIFIC MACKERELS
SHRIMP
ATLANTIC TUNA
PACIFIC TUNA
MENHADEN
CLAMS
CRABS
OYSTERS

U.S. COD FISHERY

U.S. fishermen landed 55.1 million pounds of cod worth $3.8 million--an increase of 1.6 million pounds but a decline of $256,000 compared with 1967.

The catch by otter trawls accounted for 74 percent of the landings; lines, 19 percent; and gill nets, 6 percent. The remaining 1 percent was taken in pound nets, traps, haul seines, and dredges.

Landings at Massachusetts ports (41.2 million pounds) accounted for 75 percent of the total. The State of Washington was next with 5.5 million pounds, followed by Maine with 5.0 million pounds. Nine other Atlantic and Pacific Coast States accounted for the remaining 3.4 million pounds.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF COD CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		OTTER TRAWLS		POUND NETS		FLOATING TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	1,844	93	-	-	-	-
NEW HAMPSHIRE	-	-	35	3	-	-	-	-
MASSACHUSETTS	(1)	(1)	36,567	2,704	9	1	1	(1)
RHODE ISLAND	1	(1)	1,674	113	-	-	202	21
CONNECTICUT	-	-	355	23	-	-	-	-
TOTAL	1	(1)	40,475	2,936	9	1	203	21
MIDDLE ATLANTIC:								
NEW YORK	-	-	289	37	(1)	(1)	-	-
NEW JERSEY	-	-	47	6	-	-	-	-
TOTAL	-	-	336	43	(1)	(1)	-	-
CHESAPEAKE:								
MARYLAND	-	-	47	4	-	-	-	-
VIRGINIA	-	-	3	(1)	-	-	-	-
TOTAL	-	-	50	4	-	-	-	-
GRAND TOTAL	1	(1)	40,861	2,983	9	1	203	21

AREA AND STATE	GILL NETS		LINES			
			HAND		TROLL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	2,157	102	1,036	40	-	-
NEW HAMPSHIRE	65	6	4	(1)	-	-
MASSACHUSETTS	1,142	75	1,192	59	-	-
RHODE ISLAND	-	-	51	4	-	-
CONNECTICUT	-	-	12	1	-	-
TOTAL	3,364	183	2,295	104	-	-
MIDDLE ATLANTIC:						
NEW YORK	1	(1)	44	5	-	-
NEW JERSEY	-	-	1	(1)	-	-
TOTAL	1	(1)	45	5	-	-
PACIFIC:						
WASHINGTON	-	-	5,539	321	(1)	(1)
OREGON	-	-	383	20	-	-
TOTAL	-	-	5,922	341	(1)	(1)
GRAND TOTAL	3,365	183	8,262	450	(1)	(1)

AREA AND STATE	LINES - CONTINUED		DREDGES		TOTAL	
	LONG OR SET WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	5,037	235
NEW HAMPSHIRE	5	1	-	-	109	10
MASSACHUSETTS	2,246	138	(1)	(1)	41,157	2,977
RHODE ISLAND	-	-	(1)	(1)	1,928	138
CONNECTICUT	-	-	-	-	367	24
TOTAL	2,251	139	(1)	(1)	48,598	3,384
MIDDLE ATLANTIC:						
NEW YORK	30	4	-	-	364	46
NEW JERSEY	124	19	-	-	172	25
DELAWARE	33	4	-	-	33	4
TOTAL	187	27	-	-	569	75
CHESAPEAKE:						
MARYLAND	-	-	-	-	47	4
VIRGINIA	-	-	-	-	3	(1)
TOTAL	-	-	-	-	50	4
PACIFIC:						
WASHINGTON	-	-	-	-	5,539	321
OREGON	-	-	-	-	383	20
TOTAL	-	-	-	-	5,922	341
GRAND TOTAL	2,438	166	(1)	(1)	55,139	3,804

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

ATLANTIC COAST HADDOCK FISHERY, 1968

The catch of haddock was 70.6 million pounds worth $9.3 million--a decline of 27.8 million pounds and $1.8 million compared with 1967. The catch was the smallest recorded since 1917 and far below the record 293.8 million pounds taken in 1929.

Haddock landings of 68.5 million pounds at Massachusetts ports (comprising 97 percent of the total catch) declined 27.4 million pounds compared with 1967. The catch by otter trawls accounted for 98 percent of the landings; the rest was taken by gill nets, lines, and dredges.

About 90 percent of the catch was taken from waters off New England--principally in the South Channel. Waters off Nova Scotia yielded most of the remaining 10 percent.

SUMMARY OF HADDOCK CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		OTTER TRAWLS		GILL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	1,713	182	35	4
NEW HAMPSHIRE	-	-	6	2	3	(1)
MASSACHUSETTS	(1)	(1)	67,103	8,890	44	5
RHODE ISLAND	-	-	348	37	-	-
TOTAL	(1)	(1)	69,170	9,111	82	9
MIDDLE ATLANTIC:						
NEW YORK	-	-	14	2	-	-
NEW JERSEY	-	-	1	(1)	-	-
TOTAL	-	-	15	2	-	-
GRAND TOTAL	(1)	(1)	69,185	9,113	82	9

AREA AND STATE	LINES			
	HAND		LONG OR SET WITH HOOKS	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	9	1	33	3
NEW HAMPSHIRE	-	-	3	(1)
MASSACHUSETTS	47	5	1,284	161
RHODE ISLAND	(1)	(1)	-	-
TOTAL	56	6	1,320	164
GRAND TOTAL	56	6	1,320	164

AREA AND STATE	DREDGES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	-	-	1,790	190
NEW HAMPSHIRE	-	-	12	2
MASSACHUSETTS	(1)	(1)	68,478	9,061
RHODE ISLAND	-	-	348	37
TOTAL	(1)	(1)	70,628	9,290
MIDDLE ATLANTIC:				
NEW YORK	-	-	14	2
NEW JERSEY	-	-	1	(1)
TOTAL	-	-	15	2
GRAND TOTAL	(1)	(1)	70,643	9,292

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST HALIBUT FISHERY, 1968

Halibut landings by the combined United States and Canadian fleets were 48.8 million pounds (dressed weight)--a decline of 6.7 million pounds compared with 1967, and the smallest catch since 1935. U.S. fishermen landed 19.3 million pounds (40 percent of the total) and received 4.2 million dollars--10.6 million pounds and $2.2 million less than in the previous year. The U.S. fleet operating out of Pacific coast ports numbered 164 vessels, a decline of 89 vessels compared with 1967. Canadian fishermen landed 29.5 million pounds--an increase of 3.9 million compared with 1967.

In 1968, the International Pacific Halibut Commission closed many of the Pacific halibut areas earlier than usual as a conservation measure. Areas 3C and 4D were open for the longest period--from March 29 to November 15. The halibut fishing season opened on April 3 in Area 4A and closed April 17. Area 3B opened April 14 and closed April 17; reopened May 4 and closed November 15. Area 4C opened March 29 and closed April 22. Areas 2 and 3A opened May 4 and closed October 15. Area 4B opened September 1 and closed September 10.

Data on the landings of halibut in the following tables represent the dressed weight of the fish, i.e., the weight by which the quota is determined. The dressed weight of halibut can be converted to round weight by multiplying by 1.33. Halibut landed in Canada by vessels of U.S. registry are credited to Alaska.

SUMMARY OF U.S. HALIBUT FLEET OPERATING UNITS, 1968

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER.	68	135	164
GROSS TONNAGE	3,210	4,449	5,687
CREW.	368	546	698
SKATES OF LINES	2,924	4,514	5,612
REGULAR HALIBUT BOATS:			
NUMBER.	-	16	16
CREW.	-	27	27
SKATES OF LINES	-	95	95
BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT 1/:			
NUMBER.	-	27	27
CREW.	-	40	40
SKATES OF LINES	-	135	135

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.
NOTE:--UNITED STATES VESSELS LANDING HALIBUT AT PRINCE RUPERT, BRITISH COLUMBIA, HAVE BEEN INCLUDED WITH THOSE LANDING IN ALASKA.

CATCH BY U.S. HALIBUT FLEET, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HALIBUT	9,240	2,335	104	22	10,008	1,870	19,352	4,227
SABLEFISH	460	83	-	-	248	32	708	115
LINGCOD	15	1	-	-	11	1	26	2
ROCKFISH.	55	4	-	-	-	-	55	4
TOTAL	9,770	2,423	104	22	10,267	1,903	20,141	4,348

NOTE:--IN ADDITION THERE WERE APPROXIMATELY 35,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS". THE QUANTITIES SHOWN ABOVE REPRESENT DRESSED WEIGHT OF FISH. TO CONVERT TO ROUND WEIGHT, MULTIPLY THE WEIGHT OF HALIBUT BY 1.33 AND OTHER SPECIES BY 1.43.

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1968

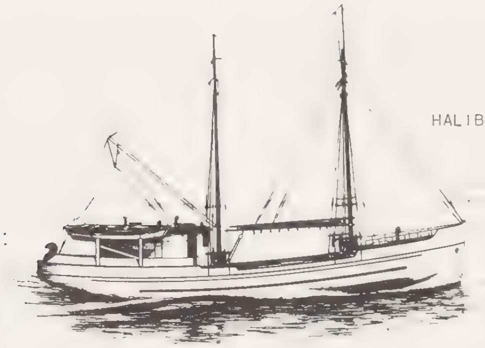
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNITED STATES FLEET 1/. . .	9,240	2,335	104	22	10,008	1,870	19,352	4,227
BRITISH COLUMBIA FLEET. . .	3,565	901	22,387	2/ 5,748	3,516	605	29,468	7,254
TOTAL	12,805	3,236	22,491	5,770	13,524	2,475	48,820	11,481

1/ IN ADDITION THERE WERE APPROXIMATELY 35,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".

2/ CANADIAN FUNDS.

NOTE:--HALIBUT STATISTICS IN THESE TABLES WERE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL PACIFIC HALIBUT COMMISSION. STATISTICS FOR OTHER SPECIES WERE FURNISHED BY THE STATES.



HALIBUT SCHOONER

ATLANTIC OCEAN PERCH FISHERY, 1968

The catch of Atlantic ocean perch was 61.3 million pounds worth $2.4 million--a decline of 10.1 million pounds and $422,000 compared with 1967. The catch, which was the smallest since 1937, has been on a downward trend since 1960.

Maine landings of 57.8 million pounds worth $2.2 million were 94 percent of both the volume and value of the catch. Massachusetts accounted for the remaining 6 percent. A negligible quantity was taken in New Hampshire and Rhode Island waters. Fishermen took the entire catch with otter trawls.

Of the total catch, 36.2 million pounds (59 percent) were taken in the Gulf of St. Lawrence. Waters off New England accounted for 14.5 million pounds (24 percent) and off Nova Scotia, 10.6 million pounds (17 percent). The Grand Bank yielded about 5,000 pounds--less than 1 percent of the total.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST SALMON FISHERY, 1968

The catch of 327.6 million pounds worth $66.7 million was 110.9 million pounds (51 percent) and $18.1 million (37 percent) greater than in 1967. Principal reason for the increase was Alaska landings of 285.3 million pounds worth $49.5 million--a gain of 146.8 million pounds (106 percent) and $24.8 million (101 percent) compared with 1967. Alaska landings were 87 percent of the Pacific Coast salmon catch and 74 percent of the value in 1968. A sharp increase in landings of pink salmon from the alltime low of 28.8 million pounds in 1967 to 148.4 million in 1968 accounted largely for the greater volume. Catches of chum and silver salmon also improved in Alaska. Salmon landings declined generally in both Washington and Oregon. Washington landings of 25.8 million pounds worth $9.6 million were 27.6 million pounds and $4.4 million less than in the previous year. Oregon landings of 9.6 million pounds worth $3.6 million declined 7.7 million pounds and $2.4 million compared with 1967. The California salmon catch was 7.0 million pounds worth $4.0 million--a decline of about 450,000 pounds but a gain of $69,000 compared with 1967.

Purse seines accounted for 192.3 million pounds (59 percent), gill nets, 103.0 million (31.4 percent), and lines 30.7 million pounds (9 percent) of the total catch. The rest was taken by floating traps, reef nets, dip nets, pound nets, haul seines, wheels, and otter trawls.

SUMMARY OF PACIFIC COAST SALMON PURSE SEINE OPERATING UNITS, 1968

ITEM	ALASKA 1/	WASHINGTON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS.	5,628	1,237	6,354
ON BOATS AND SHORE	668	-	668
TOTAL.	6,296	1,237	7,022
VESSELS, MOTOR:			
5 - 9 TONS.	106	1	107
10 - 19 TONS.	363	9	371
20 - 29 TONS.	176	33	192
30 - 39 TONS.	129	46	146
40 - 49 TONS.	115	70	148
50 - 59 TONS.	37	17	50
60 - 69 TONS.	6	2	8
70 - 79 TONS.	2	1	2
80 - 89 TONS.	1	-	1
120 - 129 TONS.	1	-	1
480 - 489 TONS.	1	-	1
590 - 599 TONS.	1	-	1
TOTAL VESSELS	938	179	1,028
TOTAL GROSS TONNAGE . .	23,452	6,751	26,875
BOATS, MOTOR.	1,598	179	1,652
GEAR:			
NUMBER.	1,367	179	1,457
LENGTH, YARDS	468,264	96,045	519,809

1/ INCLUDES SOME HAUL SEINES.
NOTE:--PURSE SEINE OPERATING UNITS WERE CONFINED TO ALASKA AND WASHINGTON.

SUMMARY OF PACIFIC COAST SALMON GILL NET OPERATING UNITS, 1968

ITEM	ANCHOR, SET OR STAKE			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	94	-	-	94
ON BOATS AND SHORE. . .	2,514	310	103	2,927
TOTAL	2,608	310	103	3,021
VESSELS, MOTOR:				
5 - 9 TONS	11	-	-	11
10 - 19 TONS.	22	-	-	22
20 - 29 TONS	6	-	-	6
30 - 39 TONS	1	-	-	1
40 - 49 TONS	2	-	-	2
50 - 59 TONS	3	-	-	3
60 - 69 TONS	1	-	-	1
260 - 269 TONS	1	-	-	1
TOTAL VESSELS	47	-	-	47
TOTAL GROSS TONNAGE .	1,175	-	-	1,175
BOATS:				
MOTOR	2,207	245	80	2,532
OTHER	-	36	10	46
GEAR:				
NUMBER.	2,245	281	90	2,616
SQUARE YARDS.	1,432,055	74,500	34,000	1,540,555

ITEM	DRIFT			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	1,364	392	2	1,758
ON BOATS AND SHORE. . .	3,843	1,200	595	5,638
TOTAL	5,207	1,592	597	7,396
VESSELS, MOTOR:				
5 - 9 TONS	306	120	1	397
10 - 19 TONS	318	160	1	435
20 - 29 TONS	31	10	-	36
30 - 39 TONS	8	4	-	12
40 - 49 TONS	8	1	-	9
50 - 59 TONS	2	-	-	2
60 - 69 TONS	-	1	-	1
70 - 79 TONS	2	-	-	2
120 - 129 TONS	1	-	-	1
180 - 189 TONS	1	-	-	1
190 - 199 TONS	3	-	-	3
220 - 229 TONS	1	-	-	1
290 - 299 TONS	1	-	-	1
TOTAL VESSELS	682	296	2	901
TOTAL GROSS TONNAGE .	9,367	3,373	24	11,863
BOATS:				
MOTOR	3,310	1,043	542	4,895
OTHER	-	16	-	16
GEAR:				
NUMBER.	3,992	1,355	544	5,812
SQUARE YARDS.	3,292,920	6,909,250	1,660,000	13,190,015

SUMMARY OF PACIFIC COAST SALMON TROLL LINE OPERATING UNITS, 1968

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,032	984	1,323	2,908	6,247
ON BOATS AND SHORE. . . .	2,163	2,008	1,171	1,680	6,990
TOTAL	3,195	2,992	2,494	4,588	13,237
VESSELS, MOTOR:					
5 - 9 TONS.	118	166	129	126	469
10 - 19 TONS.	249	350	358	517	1,215
20 - 29 TONS.	82	79	120	204	366
30 - 39 TONS.	25	36	58	99	154
40 - 49 TONS.	23	5	16	44	77
50 - 59 TONS.	5	-	5	22	31
60 - 69 TONS.	2	-	2	3	6
70 - 79 TONS.	5	-	-	3	8
80 - 89 TONS.	1	-	-	1	2
90 - 99 TONS.	1	-	-	-	1
100 - 109 TONS.	-	-	-	2	2
110 - 119 TONS.	3	-	-	-	3
120 - 129 TONS.	-	-	-	1	1
130 - 139 TONS.	-	-	-	1	1
140 - 149 TONS.	1	-	1	-	2
160 - 169 TONS.	-	-	-	1	1
340 - 349 TONS.	1	-	-	-	1
TOTAL VESSELS	516	636	689	1,024	2,340
TOTAL GROSS TONNAGE .	9,991	9,398	12,017	20,553	42,086
BOATS, MOTOR.	1,223	1,650	1,075	840	4,762
GEAR:					
NUMBER.	6,516	10,776	7,554	11,180	33,044
HOOKS	45,048	43,438	32,607	44,720	151,699

SALMON CATCH BY DISTRICT AND GEAR, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	260	56	95	27
CHUM OR KETA.	24,518	3,059	12,448	1,293
PINK.	79,500	11,784	45,875	5,505
RED OR SOCKEYE.	3,381	878	11,469	2,778
SILVER OR COHO.	3,867	418	698	168
TOTAL	111,526	16,195	70,585	9,771
FLOATING TRAPS:				
CHINOOK OR KING	2	1	-	-
CHUM OR KETA.	35	4	-	-
PINK.	811	110	-	-
RED OR SOCKEYE.	28	7	-	-
SILVER OR COHO.	13	2	-	-
TOTAL	889	124	-	-
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	16	5	106	36
CHUM OR KETA.	231	52	1,472	187
PINK.	10	2	7,067	848
RED OR SOCKEYE.	646	227	4,951	1,355
SILVER OR COHO.	853	211	2,306	553
TOTAL	1,756	497	15,902	2,979
GILL NETS, DRIFT:				
CHINOOK OR KING	255	84	237	77
CHUM OR KETA.	4,010	912	9,094	1,051
PINK.	2,047	434	3,060	367
RED OR SOCKEYE.	1,757	631	9,408	2,582
SILVER OR COHO.	1,733	430	3,479	835
TOTAL	9,802	2,491	25,278	4,912

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
LINES, TROLL:				
CHINOOK OR KING	4,839	2,165	29	10
CHUM OR KETA.	29	8	-	-
PINK.	414	87	1	(1)
RED OR SOCKEYE.	4	1	-	-
SILVER OR COHO.	5,723	2,353	33	8
TOTAL	11,009	4,614	63	18
GRAND TOTAL	134,982	23,921	111,828	17,680

GEAR AND SPECIES	ALASKA - CONTINUED			
	WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	(1)	(1)	355	83
CHUM OR KETA.	394	43	37,360	4,395
PINK.	2,901	406	128,276	17,695
RED OR SOCKEYE.	76	19	14,926	3,675
SILVER OR COHO.	15	3	4,580	589
TOTAL	3,386	471	185,497	26,437
FLOATING TRAPS:				
CHINOOK OR KING	-	-	2	1
CHUM OR KETA.	-	-	35	4
PINK.	-	-	811	110
RED OR SOCKEYE.	-	-	28	7
SILVER OR COHO.	-	-	13	2
TOTAL	-	-	889	124
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	1,408	366	1,530	407
CHUM OR KETA.	1,088	120	2,791	359
PINK.	945	132	8,022	982
RED OR SOCKEYE.	1,725	431	7,322	2,013
SILVER OR COHO.	528	90	3,687	854
TOTAL	5,694	1,139	23,352	4,615
GILL NETS, DRIFT:				
CHINOOK OR KING	3,991	1,038	4,483	1,199
CHUM OR KETA.	2,598	286	15,702	2,249
PINK.	5,814	814	10,921	1,615
RED OR SOCKEYE.	15,252	3,813	26,417	7,026
SILVER OR COHO.	1,719	292	6,931	1,557
TOTAL	29,374	6,243	64,454	13,646
LINES, TROLL:				
CHINOOK OR KING	-	-	4,868	2,175
CHUM OR KETA.	-	-	29	8
PINK.	-	-	415	87
RED OR SOCKEYE.	-	-	4	1
SILVER OR COHO.	-	-	5,756	2,361
TOTAL	-	-	11,072	4,632
WHEELS, CHINOOK OR KING . .	8	2	8	2
GRAND TOTAL	38,462	7,855	285,272	49,456

GEAR AND SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:				
CHINOOK OR KING	26	12	-	-
CHUM OR KETA.	24	5	-	-
SILVER OR COHO.	5	2	-	-
TOTAL	55	19	-	-
PURSE SEINES:				
CHINOOK OR KING	715	351	-	-
CHUM OR KETA.	2,663	698	-	-
PINK.	1	(1)	-	-
RED OR SOCKEYE.	2,631	1,127	-	-
SILVER OR COHO.	811	277	-	-
TOTAL	6,841	2,453	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
POUND NETS:				
CHINOOK OR KING	27	14	-	-
CHUM OR KETA.	5	1	-	-
RED OR SOCKEYE.	2	1	-	-
SILVER OR COHO.	53	18	-	-
TOTAL	87	34	-	-
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	358	142	286	101
CHUM OR KETA.	535	85	20	3
RED OR SOCKEYE.	8	3	70	34
SILVER OR COHO.	249	79	285	99
TOTAL	1,150	309	661	237
GILL NETS, DRIFT:				
CHINOOK OR KING	825	416	558	259
CHUM OR KETA.	2,066	527	202	36
PINK.	(1)	(1)	-	-
RED OR SOCKEYE.	2,163	932	-	-
SILVER OR COHO.	1,969	677	496	197
TOTAL	7,023	2,552	1,256	492
LINES:				
CHINOOK OR KING	209	122	1,349	742
CHUM OR KETA.	(1)	(1)	2	1
PINK.	16	4	4	1
RED OR SOCKEYE.	1	(1)	1	(1)
SILVER OR COHO.	716	287	2,691	1,046
TOTAL	942	413	4,047	1,790
REEF NETS:				
CHINOOK OR KING	13	7	-	-
CHUM OR KETA.	10	2	-	-
RED OR SOCKEYE.	377	162	-	-
SILVER OR COHO.	37	12	-	-
TOTAL	437	183	-	-
GRAND TOTAL	16,535	5,963	5,964	2,519

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:				
CHINOOK OR KING	-	-	26	12
CHUM OR KETA.	-	-	24	5
SILVER OR COHO.	-	-	5	2
TOTAL	-	-	55	19
PURSE SEINES:				
CHINOOK OR KING	-	-	715	351
CHUM OR KETA.	-	-	2,683	698
PINK.	-	-	1	(1)
RED OR SOCKEYE.	-	-	2,631	1,127
SILVER OR COHO.	-	-	811	277
TOTAL	-	-	6,841	2,453
POUND NETS:				
CHINOOK OR KING	-	-	27	4
CHUM OR KETA.	-	-	5	1
RED OR SOCKEYE.	-	-	2	1
SILVER OR COHO.	-	-	53	18
TOTAL	-	-	87	34
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	545	130	1,189	373
CHUM OR KETA.	-	-	555	88
RED OR SOCKEYE.	22	8	100	45
SILVER OR COHO.	37	9	571	187
TOTAL	604	147	2,415	693

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS, DRIFT:				
CHINOOK OR KING	891	308	2,274	983
CHUM OR KETA	1	(1)	2,269	563
PINK	-	-	(1)	(1)
RED OR SOCKEYE	13	5	2,176	937
SILVER OR COHO	201	57	2,666	931
TOTAL	1,106	370	9,385	3,414
LINES:				
CHINOOK OR KING	311	159	1,869	1,023
CHUM OR KETA	-	-	2	1
PINK	-	-	20	5
RED OR SOCKEYE	-	-	2	(1)
SILVER OR COHO	1,136	434	4,543	1,767
TOTAL	1,447	593	6,436	2,796
DIP NETS:				
CHINOOK OR KING	85	29	85	29
RED OR SOCKEYE	1	1	1	1
SILVER OR COHO	12	3	12	3
TOTAL	98	33	98	33
REEF NETS:				
CHINOOK OR KING	-	-	13	7
CHUM OR KETA	-	-	10	2
RED OR SOCKEYE	-	-	377	162
SILVER OR COHO	-	-	37	12
TOTAL	-	-	437	183
GRAND TOTAL	3,255	1,143	25,754	9,625

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS, ANCHOR, SET OR STAKE:						
CHINOOK OR KING	217	52	-	-	217	52
RED OR SOCKEYE	3	1	-	-	3	1
SILVER OR COHO	13	3	-	-	13	3
TOTAL	233	56	-	-	233	56
GILL NETS, DRIFT:						
CHINOOK OR KING	2,419	837	-	-	2,419	837
CHUM OR KETA	2	(1)	-	-	2	(1)
RED OR SOCKEYE	59	23	-	-	59	23
SILVER OR COHO	710	188	-	-	710	188
TOTAL	3,190	1,048	-	-	3,190	1,048
LINES, TROLL:						
CHINOOK OR KING	219	108	924	498	1,143	606
PINK	1	(1)	4	1	5	1
SILVER OR COHO	539	199	4,519	1,668	5,058	1,867
TOTAL	759	307	5,447	2,167	6,206	2,474
DIP NETS, CHINOOK OR KING	2	1	-	-	2	1
GRAND TOTAL	4,184	1,412	5,447	2,167	9,631	3,579

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS:						
CHINOOK OR KING	1	1	(1)	(1)	(1)	(1)
SILVER OR COHO	1	(1)	-	-	-	-
TOTAL	2	1	(1)	(1)	(1)	(1)
LINES:						
CHINOOK OR KING	2,225	1,321	1,727	1,121	549	367
CHUM OR KETA	1,837	865	-	-	-	-
SILVER OR COHO	-	-	472	250	24	13
TOTAL	4,062	2,186	2,199	1,371	573	380
GRAND TOTAL	4,064	2,187	2,199	1,371	573	380

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	CALIFORNIA - CONTINUED					
	SANTA BARBARA		SAN PEDRO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS:						
CHINOOK OR KING	-	-	-	-	1	1
SILVER OR COHO	-	-	-	-	1	(1)
TOTAL	-	-	-	-	2	1
LINES:						
CHINOOK OR KING	111	73	(1)	(1)	4,612	2,882
CHUM OR KETA	-	-	-	-	1,837	865
SILVER OR COHO	5	3	-	-	501	266
TOTAL	116	76	(1)	(1)	6,950	4,013
GRAND TOTAL	116	76	(1)	(1)	6,952	4,014

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--IN ALASKA, THE CATCH TAKEN BY HAUL SEINES IS INCLUDED WITH PURSE SEINES.

SUMMARY OF SALMON CATCH BY DISTRICTS, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	5,372	2,310	466	149
CHUM OR KETA	28,822	4,035	23,014	2,532
PINK	82,782	12,417	56,004	6,720
RED OR SOCKEYE	5,816	1,745	25,828	6,715
SILVER OR COHO	12,190	3,413	6,515	1,564
TOTAL	134,982	23,920	111,827	17,680

SPECIES	ALASKA - CONTINUED			
	WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	5,408	1,406	11,246	3,865
CHUM OR KETA	4,080	449	55,916	7,016
PINK	9,660	1,353	148,446	20,490
RED OR SOCKEYE	17,052	4,263	48,696	12,723
SILVER OR COHO	2,263	385	20,968	5,362
TOTAL	38,463	7,856	285,272	49,456

SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	2,173	1,064	2,193	1,102
CHUM OR KETA	5,323	1,318	224	40
PINK	17	4	4	1
RED OR SOCKEYE	5,182	2,225	71	34
SILVER OR COHO	3,840	1,352	3,472	1,342
TOTAL	16,535	5,963	5,964	2,519

SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	1,832	626	6,198	2,792
CHUM OR KETA	1	(1)	5,548	1,358
PINK	-	-	21	5
RED OR SOCKEYE	36	14	5,289	2,273
SILVER OR COHO	1,386	503	8,698	3,197
TOTAL	3,255	1,143	25,754	9,625

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF SALMON CATCH BY DISTRICTS, 1968 - Continued

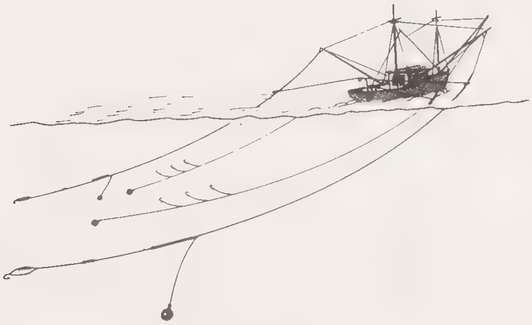
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	2,857	998	924	498	3,781	1,496
CHUM OR KETA.	2	(1)	-	-	2	(1)
PINK.	1	(1)	4	1	5	1
RED OR SOCKEYE.	62	24	-	-	62	24
SILVER OR COHO.	1,262	390	4,519	1,668	5,781	2,058
TOTAL	4,184	1,412	5,447	2,167	9,631	3,579

SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	2,226	1,322	1,727	1,121	549	367
SILVER OR COHO.	1,838	865	472	250	24	13
TOTAL	4,064	2,187	2,199	1,371	573	380

SPECIES	CALIFORNIA - CONTINUED					
	SANTA BARBARA		SAN PEDRO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	111	73	(1)	(1)	4,613	2,883
SILVER OR COHO.	5	3	-	-	2,339	1,131
TOTAL	116	76	(1)	(1)	6,952	4,014

1/ LESS THAN 500 POUNDS OR $500.



SALMON TROLL LINE

SUMMARY OF SALMON CATCH BY GEAR, 1968

(THOUSANDS OF POUNDS)

STATE AND DISTRICT	HAUL SEINES	PURSE SEINES	OTTER TRAWLS	POUND NETS	FLOATING TRAPS	GILL NETS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:						
SOUTHEASTERN	-	111,526	-	-	889	11,558
CENTRAL	-	70,585	-	-	-	41,180
WESTERN	-	3,386	-	-	-	35,068
TOTAL	-	185,497	-	-	889	87,806
WASHINGTON:						
PUGET SOUND	55	6,841	-	87	-	8,173
WASHINGTON COAST	-	-	-	-	-	1,917
COLUMBIA RIVER	-	-	-	-	-	1,710
TOTAL	55	6,841	-	87	-	11,800
OREGON, COLUMBIA RIVER	-	-	-	-	-	3,423
CALIFORNIA:						
NORTHERN	-	-	2	-	-	-
SAN FRANCISCO	-	-	(1)	-	-	-
MONTEREY	-	-	(1)	-	-	-
TOTAL	-	-	2	-	-	-
GRAND TOTAL	55	192,338	2	87	889	103,029

STATE AND DISTRICT	LINES	DIP NETS	REEF NETS	WHEELS	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:					
SOUTHEASTERN	11,009	-	-	-	134,982
CENTRAL	63	-	-	-	111,828
WESTERN	-	-	-	8	38,462
TOTAL	11,072	-	-	8	285,272
WASHINGTON:					
PUGET SOUND	942	-	437	-	16,535
WASHINGTON COAST	4,047	-	-	-	5,964
COLUMBIA RIVER	1,447	98	-	-	3,255
TOTAL	6,436	98	437	-	25,754
OREGON:					
COLUMBIA RIVER	759	2	-	-	4,184
OREGON COAST	5,447	-	-	-	5,447
TOTAL	6,206	2	-	-	9,631
CALIFORNIA:					
NORTHERN	4,062	-	-	-	4,064
SAN FRANCISCO	2,199	-	-	-	2,199
MONTEREY	573	-	-	-	573
SAN BARBARA	116	-	-	-	116
SAN PEDRO	(1)	-	-	-	(1)
TOTAL	6,950	-	-	-	6,952
GRAND TOTAL	30,664	100	437	8	327,609

1/ LESS THAN 500 POUNDS.

SUMMARY OF SALMON CATCH BY SPECIES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
CHINOOK OR KING	25,838	11,036
CHUM OR KETA	61,466	8,374
PINK	148,472	20,496
RED OR SOCKEYE	54,047	15,020
SILVER OR COHO	37,786	11,748
TOTAL	327,609	66,674

MACKEREL FISHERIES OF THE PACIFIC COAST, 1968

Jack mackerel landings, 55.9 million pounds, increased 17.5 million (46 percent) and Pacific mackerel landings, 3.1 million pounds, increased 2.0 million (168 percent) compared with 1967. The combined mackerel landings of 59.0 million pounds worth $2.4 million were 49 percent more in both volume and value of the catch than in 1967.

Landings of jack mackerel in California were the largest since 1965. In sharp contrast to the previous 4 years, fishermen lost no time because of fleet tie-ups over price disputes or contract negotiations. This continuous fishing effort, together with generally good weather, was the principal reason for the greater landings.

SUMMARY OF JACK MACKEREL CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		GILL AND TRAMMEL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
NORTHERN.	-	-	(2)	(2)	-	-
MONTEREY.	960	41	1	(2)	-	-
SANTA BARBARA	4,251	159	-	-	-	-
SAN PEDRO	50,344	1,918	-	-	1	(2)
TOTAL.	55,555	2,118	1	(2)	1	(2)
HAWAII.	-	-	-	-	2	1
GRAND TOTAL.	55,555	2,118	1	(2)	3	1

STATE AND DISTRICT	LINES		DIP, BRAIL OR SCOOP NETS 1/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
NORTHERN.	-	-	-	-	(2)	(2)
MONTEREY.	-	-	-	-	961	41
SANTA BARBARA	-	-	-	-	4,251	159
SAN PEDRO	3	(2)	108	4	50,456	1,922
SAN DIEGO	(2)	(2)	-	-	(2)	(2)
TOTAL.	3	(2)	108	4	55,668	2,122
HAWAII.	130	55	109	41	241	97
GRAND TOTAL.	133	55	217	45	55,909	2,219

1/ INCLUDES THE CATCH OF BAG, LIFT, CAST, AND UNCLASSIFIED NETS IN HAWAII.
2/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF PACIFIC MACKEREL CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		GILL AND TRAMMEL NETS		LINES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
SAN PEDRO	2,803	150	8	1	21	1
SAN DIEGO	1	(1)	1	(1)	3	(1)
TOTAL.	2,804	150	9	1	24	1

STATE AND DISTRICT	DIP, BRAIL OR SCOOP NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:				
SAN PEDRO	297	16	3,129	168
SAN DIEGO	-	-	5	(1)
TOTAL.	297	16	3,134	168

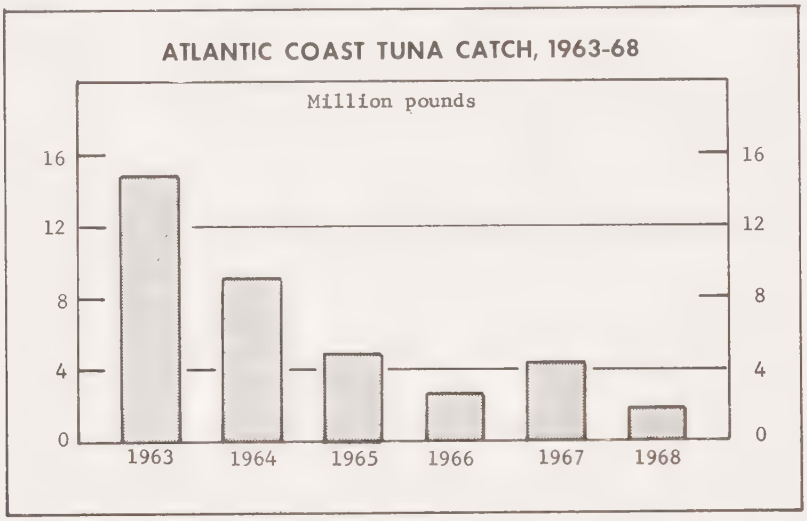
1/ LESS THAN $500.

ATLANTIC COAST TUNA FISHERY, 1968

The catch of tuna along the Atlantic Coast was 2.3 million pounds worth $294,000--a decrease of 2.0 million pounds and $49,000 compared with 1967. A sharp decline in landings of bluefin tuna, principally in New Jersey, accounted largely for the smaller harvest. Bluefin tuna was 76 percent of the total catch.

For the first time, a large purse seiner landed a substantial catch of skipjack and yellowfin tuna taken in Pacific waters at Miami, Fla., for canning in a local processing plant.

There were 58 fishermen operating 5 purse seine vessels and 4 motor boats landing tuna at ports in the New England, Middle Atlantic, Chesapeake, and South Atlantic States. Purse seines took 88 percent of the catch; harpoons, 6; lines, 3; and pound nets, 2 percent. A small quantity was taken with otter trawls, floating traps, and gill nets.



ATLANTIC COAST TUNA CATCH, 1963-68

ATLANTIC COAST TUNA PURSE SEINE OPERATING UNITS, 1968

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON VESSELS	43	21	15	58
VESSELS, MOTOR:				
110 - 119 TONS.	2	-	-	2
140 - 149 TONS.	1	1	-	1
150 - 159 TONS.	1	1	-	1
480 - 489 TONS.	-	-	1	1
TOTAL VESSELS	4	2	1	5
TOTAL GROSS TONNAGE .	530	296	481	1,011
BOATS, MOTOR	4	2	-	4
GEAR:				
NUMBER.	4	2	1	5
LENGTH, YARDS	2,900	1,500	970	3,870

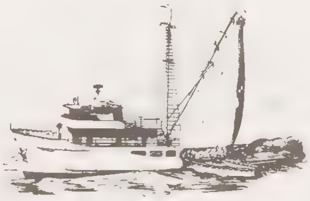
SUMMARY OF ATLANTIC COAST TUNA CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES AND STATE	PURSE SEINES		OTTER TRAWLS		POUND NETS		FLOATING TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:								
MASSACHUSETTS	1,383	174	-	-	46	7	-	-
RHODE ISLAND	-	-	-	-	-	-	6	1
NEW YORK	-	-	2	(1)	-	-	-	-
NEW JERSEY	133	10	-	-	-	-	-	-
TOTAL BLUEFIN	1,516	184	2	(1)	46	7	6	1
LITTLE:								
NEW YORK	-	-	12	1	-	-	-	-
NEW JERSEY	(1)	(1)	-	-	-	-	-	-
TOTAL LITTLE	(1)	(1)	12	1	-	-	-	-
SKIPJACK, FLORIDA EAST COAST, TOTAL	293	40	-	-	-	-	-	-
YELLOWFIN, FLORIDA EAST COAST, TOTAL	251	40	-	-	-	-	-	-
GRAND TOTAL	2,060	264	14	1	46	7	6	1

SPECIES AND STATE	GILL NETS		LINES		HARPOONS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:								
MAINE	-	-	2	(1)	36	3	38	3
NEW HAMPSHIRE	-	-	-	-	6	(1)	6	(1)
MASSACHUSETTS	-	-	21	3	93	7	1,543	191
RHODE ISLAND	-	-	15	2	-	-	21	3
NEW YORK	-	-	26	4	-	-	28	4
NEW JERSEY	3	(1)	7	1	-	-	143	11
TOTAL BLUEFIN	3	(1)	71	10	135	10	1,779	212
LITTLE:								
NEW YORK	-	-	-	-	-	-	12	1
NEW JERSEY	1	(1)	(1)	(1)	-	-	1	(1)
TOTAL LITTLE	1	(1)	(1)	(1)	-	-	13	1
SKIPJACK, FLORIDA EAST COAST, TOTAL	-	-	-	-	-	-	293	40
YELLOWFIN, FLORIDA EAST COAST, TOTAL	-	-	-	-	-	-	251	40
UNCLASSIFIED, VIRGINIA	-	-	4	1	-	-	4	1
GRAND TOTAL	4	(1)	75	11	135	10	2,340	294

1/ LESS THAN 500 POUNDS OR $500.



TUNA PURSE SEINER

PACIFIC TUNA FISHERY, 1968

The domestic catch of tuna landed at Pacific coast and Hawaii ports was 291.5 million pounds worth $47.2 million--a decrease of 32.5 million pounds but a gain of $3.3 million compared with 1967. The principal reason for the smaller volume was a sharp decline in landings of skipjack tuna--68.6 million pounds in 1968 compared with 119.2 million in 1967. Bluefin tuna landings declined slightly, also, but the catches of albacore and yellowfin tuna increased substantially. The higher value resulted from increases in the price paid to fishermen for all species.

The season for yellowfin tuna ended June 18, 1968, in accordance with the recommendation of the Inter-American Tropical Tuna Commission which restricted the 1968 quota of yellowfin from the regulatory area off California to the central coastline of Chile to 106,000 short tons.

A total of 6,867 fishermen, 1,742 vessels, and 473 motor boats were employed in the Pacific tuna fisheries--an increase of 841 fishermen and 263 vessels but a decline of 117 motor boats compared with 1967. Purse seines, the principal gear used in taking bluefin, skipjack, and yellowfin tuna accounted for 72 percent of the landings. Lines, used mainly in taking albacore tuna, accounted for the remaining 28 percent.

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1968

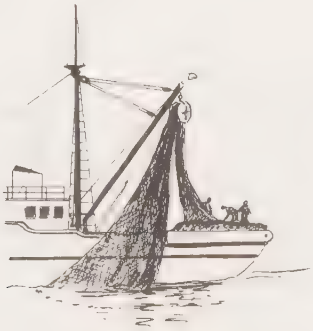
ITEM	PURSE SEINES	LINES			TOTAL, EXCLUSIVE OF DUPLICATION
		HAND		TROLL, ALBACORE	
		ALBACORE	YELLOWFIN 1/		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,571	682	425	4,064	6,331
ON BOATS AND SHORE. . . .	-	124	-	417	536
TOTAL	1,571	806	425	4,481	6,867
VESSELS, MOTOR:					
5 - 9 TONS.	-	-	-	128	128
10 - 19 TONS.	-	16	2	715	725
20 - 29 TONS.	4	20	4	328	341
30 - 39 TONS.	4	20	7	184	198
40 - 49 TONS.	2	13	5	83	96
50 - 59 TONS.	2	11	7	40	51
60 - 69 TONS.	2	7	4	18	26
70 - 79 TONS.	3	5	5	10	17
80 - 89 TONS.	4	2	2	2	8
90 - 99 TONS.	7	5	2	2	13
100 - 109 TONS.	-	3	3	1	4
110 - 119 TONS.	4	1	-	-	5
120 - 129 TONS.	2	3	2	1	5
130 - 139 TONS.	3	3	2	2	7
140 - 149 TONS.	-	1	1	-	1
150 - 159 TONS.	2	-	-	-	2
160 - 169 TONS.	1	2	2	-	3
180 - 189 TONS.	2	2	1	-	4
190 - 199 TONS.	4	7	7	-	11
210 - 219 TONS.	2	-	-	-	2
230 - 239 TONS.	2	-	-	-	2
250 - 259 TONS.	2	1	-	-	3
260 - 269 TONS.	2	-	-	-	2
270 - 279 TONS.	4	1	1	-	5
280 - 289 TONS.	1	-	-	-	1
290 - 299 TONS.	2	-	-	-	2
300 - 309 TONS.	1	-	-	-	1
310 - 319 TONS.	3	1	1	-	4
320 - 329 TONS.	1	-	-	-	1
330 - 339 TONS.	2	1	1	-	3
340 - 349 TONS.	2	-	-	-	2
350 - 359 TONS.	5	-	-	-	5
360 - 369 TONS.	4	1	1	-	5
370 - 379 TONS.	1	-	-	-	1
380 - 389 TONS.	2	-	-	-	2
390 - 399 TONS.	1	-	-	-	1

(CONTINUED ON NEXT PAGE)

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1968 - Continued

ITEM	PURSE SEINES	LINES			TOTAL, EXCLUSIVE OF DUPLICATION
		HAND		TROLL, ALBACORE	
		ALBACORE	YELLOWFIN 1/		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
400 - 409 TONS.	1	-	-	-	1
410 - 419 TONS.	1	-	-	-	1
420 - 429 TONS.	2	-	-	-	2
430 - 439 TONS.	4	1	1	-	5
440 - 449 TONS.	4	1	1	-	5
460 - 469 TONS.	2	-	-	-	2
470 - 479 TONS.	9	-	-	-	9
480 - 489 TONS.	3	-	-	-	3
490 - 499 TONS.	2	-	-	-	2
560 - 569 TONS.	1	-	-	-	1
580 - 589 TONS.	1	-	-	-	1
610 - 619 TONS.	1	-	-	-	1
630 - 639 TONS.	1	-	-	-	1
670 - 679 TONS.	3	-	-	-	3
680 - 689 TONS.	1	-	-	-	1
710 - 719 TONS.	1	-	-	-	1
720 - 729 TONS.	2	-	-	-	2
730 - 739 TONS.	1	-	-	-	1
760 - 769 TONS.	1	-	-	-	1
790 - 799 TONS.	1	-	-	-	1
800 - 809 TONS.	1	-	-	-	1
810 - 819 TONS.	1	-	-	-	1
830 - 839 TONS.	1	-	-	-	1
860 - 869 TONS.	5	-	-	-	5
900 - 909 TONS.	1	-	-	-	1
920 - 929 TONS.	1	-	-	-	1
1090 - 1099 TONS.	1	-	-	-	1
TOTAL VESSELS	136	128	62	1,514	1,742
TOTAL GROSS TONNAGE .	48,256	9,878	7,002	33,641	90,387
BOATS, MOTOR.	235	106	-	224	473
GEAR:					
LENGTH, YARDS	108,540	-	-	-	-
HOOKS	-	782	403	15,668	-

1/ VESSELS OF 50 TONS OR MORE CAPACITY ARE CONSIDERED CLIPPER CRAFT.



PURSE SEINE POWER BLOCK

SUMMARY OF PACIFIC TUNA CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES, STATE, AND DISTRICT	PURSE SEINES		LINES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALBACORE:						
WASHINGTON:						
PUGET SOUND	-	-	62	12	62	12
CENTRAL	-	-	567	107	567	107
COLUMBIA RIVER.	-	-	2,421	486	2,421	486
TOTAL.	-	-	3,050	605	3,050	605
OREGON:						
COLUMBIA RIVER.	-	-	29,106	6,112	29,106	6,112
COASTAL	-	-	8,646	1,643	8,646	1,643
TOTAL.	-	-	37,752	7,755	37,752	7,755
CALIFORNIA:						
NORTHERN.	-	-	3,441	645	3,441	645
SAN FRANCISCO	78	15	885	166	963	181
MONTEREY.	13	2	1,409	264	1,422	266
SANTA BARBARA	46	9	2,085	391	2,131	400
SAN PEDRO	349	74	5,355	1,138	5,704	1,212
SAN DIEGO	87	18	1,329	267	1,416	285
TOTAL.	573	118	14,504	2,871	15,077	2,989
HAWAII.	-	-	23	8	23	8
GRAND TOTAL, ALBACORE.	573	118	55,329	11,239	55,902	11,357
BLUEFIN:						
CALIFORNIA:						
SAN PEDRO	10,006	1,522	45	7	10,051	1,529
SAN DIEGO	2,859	423	26	4	2,885	427
TOTAL.	12,865	1,945	71	11	12,936	1,956
HAWAII 1/	-	-	564	499	564	499
GRAND TOTAL, BLUEFIN .	12,865	1,945	635	510	13,500	2,455
LITTLE, HAWAII.	-	-	27	5	27	5
SKIPJACK:						
CALIFORNIA:						
SANTA BARBARA	-	-	1	(1)	1	(1)
SAN PEDRO	39,930	5,226	5,246	686	45,176	5,912
SAN DIEGO	12,402	1,639	1,656	219	14,058	1,858
TOTAL.	52,332	6,865	6,903	905	59,235	7,770
HAWAII.	-	-	9,316	1,539	9,316	1,539
GRAND TOTAL, SKIPJACK.	52,332	6,865	16,219	2,444	68,551	9,309
YELLOWFIN:						
CALIFORNIA:						
SAN PEDRO	106,112	16,510	6,043	940	112,155	17,450
SAN DIEGO	38,746	6,032	2,235	348	40,981	6,380
TOTAL.	144,858	22,542	8,278	1,288	153,136	23,830
HAWAII.	-	-	412	204	412	204
GRAND TOTAL, YELLOWFIN	144,858	22,542	8,690	1,492	153,548	24,034
GRAND TOTAL, ALL SPECIES	210,628	31,470	80,900	15,690	291,528	47,160

1/ INCLUDES THE CATCH OF BIGEYE TUNA.
2/ LESS THAN $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. MENHADEN FISHERY, 1968

The menhaden catch of 1.4 billion pounds was 211.4 million pounds more than in 1967, and the best harvest since 1965. Menhaden was 33 percent of the U.S. production--compared with 44 percent in 1962, the record year.

Of the total, 60 percent was landed in the Gulf of Mexico; 20 in the Chesapeake States; 14 in the South Atlantic States; and 6 percent in the Middle Atlantic States. A negligible amount was taken in the New England States.

Purse seines accounted for 98 percent of the catch. The remaining 2 percent was taken by pound nets, gill nets, haul seines, fyke and hoop nets, floating traps, trammel nets, and otter trawls.

There were 2,215 fishermen, 134 vessels, 260 motor boats, and 4 other boats employed in the menhaden fishery.

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1968

GROSS TONNAGE	MIDDLE ATLANTIC			CHESAPEAKE	SOUTH ATLANTIC		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	VIRGINIA	NORTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	2	2	-	-	-	-
20 - 29	-	1	1	-	-	-	-
30 - 39	-	2	2	-	-	-	-
40 - 49	-	2	2	-	1	-	1
50 - 59	-	-	-	-	2	-	2
60 - 69	-	-	-	-	2	-	2
70 - 79	-	-	-	-	1	-	1
110 - 119	-	-	-	-	-	1	1
140 - 149	-	-	-	-	-	2	2
190 - 199	-	1	1	4	7	1	8
200 - 209	-	2	2	2	3	1	4
210 - 219	-	1	1	-	1	-	1
220 - 229	-	-	-	1	-	-	-
230 - 239	-	-	-	-	1	-	1
240 - 249	-	1	1	3	5	-	5
250 - 259	-	2	2	7	8	1	9
260 - 269	-	1	1	7	6	-	6
280 - 289	-	1	1	1	2	-	2
290 - 299	-	-	-	-	2	-	2
300 - 309	2	-	2	-	1	-	1
320 - 329	-	-	-	-	1	-	1
450 - 459	-	-	-	-	1	-	1
520 - 529	-	-	-	-	1	-	1
530 - 539	-	-	-	-	1	-	1
540 - 549	-	-	-	1	1	-	1
550 - 559	-	-	-	1	1	-	1
630 - 639	-	-	-	-	1	-	1
TOTAL VESSELS	2	16	18	27	49	6	55
TOTAL GROSS TONNAGE	612	2,319	2,931	7,178	12,680	1,054	13,734

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1968 - Continued

GROSS TONNAGE	GULF				GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	-	-	-	2
20 - 29	-	-	-	-	1
30 - 39	-	-	-	-	2
40 - 49	-	-	-	-	3
50 - 59	-	-	-	-	2
60 - 69	-	-	-	-	2
70 - 79	-	-	-	-	1
110 - 119	-	-	-	-	1
140 - 149	-	-	-	-	2
160 - 169	-	1	-	1	1
170 - 179	1	5	3	6	6
180 - 189	-	3	-	3	3
190 - 199	4	5	2	9	16
200 - 209	-	-	-	-	4
210 - 219	-	1	-	1	2
220 - 229	2	1	-	3	4
230 - 239	-	-	-	-	1
240 - 249	1	1	-	2	6
250 - 259	2	2	-	4	11
260 - 269	1	2	-	3	9
270 - 279	-	1	-	1	1
280 - 289	-	2	-	2	4
290 - 299	1	-	-	1	2
300 - 309	-	-	-	-	2
310 - 319	-	2	-	2	2
320 - 329	-	1	-	1	2
360 - 369	-	2	-	2	2
370 - 379	-	2	-	2	2
380 - 389	-	2	-	2	2
410 - 419	-	2	-	2	2
430 - 439	-	1	-	1	1
450 - 459	1	-	-	1	1
460 - 469	-	1	1	1	1
470 - 479	3	2	-	5	5
480 - 489	-	2	1	2	2
500 - 509	-	1	-	1	1
510 - 519	-	2	-	2	2
520 - 529	1	4	-	5	5
530 - 539	1	8	-	9	9
540 - 549	-	-	-	-	1
550 - 559	-	1	-	1	2
600 - 609	-	1	-	1	1
610 - 619	-	1	1	1	1
630 - 639	-	-	-	-	1
640 - 649	-	1	1	1	1
TOTAL VESSELS	18	60	9	78	134
TOTAL GROSS TONNAGE	5,652	22,329	3,121	27,981	39,675

SUMMARY OF MENHADEN PURSE SEINE OPERATING UNITS, 1968

AREA AND STATE	VESSELS		BOATS		FISHERMEN	PURSE SEINES	
			OTHER	MOTOR			
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	NUMBER	NUMBER	LENGTH IN YARDS
MIDDLE ATLANTIC:							
NEW YORK.	2	612	4	-	34	2	872
NEW JERSEY.	16	2,319	24	4	208	16	6,065
TOTAL, EXCLUSIVE OF DUPLICATION.	18	2,931	28	4	242	18	6,937
CHESAPEAKE, VIRGINIA, TOTAL, EXCLUSIVE OF DUPLICATION .	27	7,178	54	-	437	27	10,160
SOUTH ATLANTIC:							
NORTH CAROLINA.	49	12,680	98	-	827	49	19,600
FLORIDA, EAST COAST . . .	6	1,054	12	-	95	6	2,240
TOTAL, EXCLUSIVE OF DUPLICATION.	55	13,734	110	-	922	55	21,840
GULF:							
MISSISSIPPI	18	5,652	36	-	328	18	9,670
LOUISIANA	60	22,329	120	-	1,028	60	33,254
TEXAS	9	3,121	18	-	153	9	4,230
TOTAL, EXCLUSIVE OF DUPLICATION.	78	27,961	156	-	1,356	78	42,924
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	134	39,675	260	4	2,215	134	64,561

SUMMARY OF MENHADEN CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC:						
NEW YORK.	-	-	17,414	176	-	-
NEW JERSEY.	-	-	67,433	927	1	(1)
TOTAL	-	-	84,847	1,103	1	(1)
CHESAPEAKE:						
MARYLAND.	15	(1)	-	-	-	-
VIRGINIA.	163	2	255,781	3,428	-	-
TOTAL	178	2	255,781	3,428	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	20	(1)	167,022	1,956	-	-
SOUTH CAROLINA.	253	5	-	-	-	-
FLORIDA, EAST COAST . . .	-	-	23,237	219	-	-
TOTAL	273	5	190,259	2,175	-	-
GULF:						
FLORIDA, WEST COAST . . .	76	2	92	2	-	-
MISSISSIPPI	-	-	149,535	2,038	-	-
LOUISIANA	-	-	622,291	7,740	-	-
TEXAS	-	-	51,073	674	-	-
TOTAL	76	2	822,991	10,454	-	-
GRAND TOTAL	527	9	1,353,878	17,160	1	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN CATCH, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	POUND NETS		FLOATING TRAPS		FYKE AND HOOP NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	8	(1)	-	-	-	-
RHODE ISLAND.	-	-	15	(1)	-	-
CONNECTICUT	-	-	(1)	(1)	-	-
TOTAL	8	(1)	15	(1)	-	-
MIDDLE ATLANTIC:						
NEW YORK.	353	17	-	-	-	-
NEW JERSEY.	991	35	-	-	-	-
TOTAL	1,344	52	-	-	-	-
CHESAPEAKE:						
MARYLAND.	3,962	84	-	-	-	-
VIRGINIA.	13,516	185	-	-	238	3
TOTAL	17,478	269	-	-	238	3
SOUTH ATLANTIC, NORTH CAROLINA, TOTAL.	82	1	-	-	-	-
GRAND TOTAL	18,912	322	15	(1)	238	3

AREA AND STATE	GILL NETS		TRAMMEL NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	-	-	-	-	8	(1)
RHODE ISLAND.	-	-	-	-	15	(1)
CONNECTICUT	-	-	-	-	(1)	(1)
TOTAL	-	-	-	-	23	(1)
MIDDLE ATLANTIC:						
NEW YORK.	18	1	-	-	17,785	194
NEW JERSEY.	52	2	-	-	68,477	964
TOTAL	70	3	-	-	86,262	1,158
CHESAPEAKE:						
MARYLAND.	383	8	-	-	4,360	92
VIRGINIA.	19	(1)	-	-	269,717	3,618
TOTAL	402	8	-	-	274,077	3,710
SOUTH ATLANTIC:						
NORTH CAROLINA.	65	1	-	-	167,189	1,958
SOUTH CAROLINA.	-	-	-	-	253	5
FLORIDA, EAST COAST . . .	703	18	-	-	23,940	237
TOTAL	768	19	-	-	191,382	2,200
GULF:						
FLORIDA, WEST COAST . . .	285	9	4	(1)	457	13
MISSSISSIPPI.	-	-	-	-	149,535	2,038
LOUISIANA	-	-	-	-	622,291	7,740
TEXAS	-	-	-	-	51,073	674
TOTAL	285	9	4	(1)	823,356	10,465
GRAND TOTAL	1,525	39	4	(1)	1,375,100	17,533

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. CLAM FISHERY, 1968

The catch of 67.2 million pounds of clam meats worth a record $20.7 million was a decline of 4.3 million pounds but an increase of $242,000 compared with 1967. The decline was principally in New Jersey surf clam landings--32.2 million pounds in 1968 compared with 41.6 million pounds in 1967. However, the clam catch increased sharply in the Chesapeake States and also showed improvement in the New England States compared with the previous year.

Surf clams, landed mainly in New Jersey, accounted for 60 percent of the catch; hard clams, 23 percent; and soft clams, 15 percent. The rest consisted of ocean quahog, rangia, razor, sunray venus, and mixed clams. The Middle Atlantic States led with 67 percent of the catch; followed by the Chesapeake States with 20 percent; New England, 11 percent, and the Pacific Coast, South Atlantic, and Gulf States with the remaining 2 percent.

Dredges took 50.5 million pounds (75 percent); tongs, 6.3 million (9 percent); and rakes and hoes, 4.5 million pounds each (7 percent each). The remainder of the catch was taken with forks, shovels, or gathered by hand.

In Section 15 of this digest, under the heading "Conversion Factors", there is a table which gives the average State yield per U.S. standard bushel for clams taken on the Atlantic and Gulf coasts. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf Regional section.

SUMMARY OF CLAM CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HARD		OCEAN QUAHOG		RANGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1	1	-	-	-	-
MASSACHUSETTS	1,151	1,075	20	2	-	-
RHODE ISLAND	1,289	740	205	27	-	-
CONNECTICUT	241	101	-	-	-	-
TOTAL	2,682	1,917	225	29	-	-
MIDDLE ATLANTIC:						
NEW YORK	6,986	7,268	-	-	-	-
NEW JERSEY	2,552	1,226	-	-	-	-
DELAWARE	239	122	-	-	-	-
TOTAL	9,777	8,616	-	-	-	-
CHESAPEAKE:						
MARYLAND	526	292	-	-	-	-
VIRGINIA	1,869	1,055	-	-	-	-
TOTAL	2,395	1,347	-	-	-	-
SOUTH ATLANTIC:					48	15
NORTH CAROLINA	204	117	-	-	-	-
SOUTH CAROLINA	10	4	-	-	-	-
FLORIDA, EAST COAST	27	14	-	-		
TOTAL	241	135	-	-	48	15
GULF, FLORIDA, WEST COAST, TOTAL	7	4	-	-	-	-
PACIFIC, WASHINGTON, TOTAL	324	157	-	-	-	-
GRAND TOTAL	15,426	12,176	225	29	48	15

(CONTINUED ON NEXT PAGE)

SUMMARY OF CLAM CATCH, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	RAZOR		SOFT		SUNRAY VENUS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	3,332	1,388	-	-
MASSACHUSETTS	6	3	1,130	788	-	-
RHODE ISLAND.	-	-	31	19	-	-
TOTAL	6	3	4,493	2,195	-	-
MIDDLE ATLANTIC:						
NEW YORK.	-	-	202	92	-	-
NEW JERSEY.	-	-	91	41	-	-
TOTAL	-	-	293	123	-	-
CHESAPEAKE:						
MARYLAND.	-	-	5,579	1,870	-	-
VIRGINIA.	-	-	3	1	-	-
TOTAL	-	-	5,582	1,871	-	-
GULF, FLORIDA, WEST COAST, TOTAL.	-	-	-	-	410	42
PACIFIC:						
ALASKA.	33	20	-	-	-	-
WASHINGTON.	133	85	-	-	-	-
OREGON.	39	27	-	-	-	-
TOTAL	205	132	-	-	-	-
GRAND TOTAL	211	135	10,368	4,189	410	42

AREA AND STATE	SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	3,333	1,389
MASSACHUSETTS	18	5	-	-	2,325	1,873
RHODE ISLAND.	-	-	-	-	1,525	786
CONNECTICUT	-	-	-	-	241	101
TOTAL	18	5	-	-	7,424	4,149
MIDDLE ATLANTIC:						
NEW YORK.	3,008	295	-	-	10,196	7,645
NEW JERSEY.	32,181	3,299	-	-	34,824	4,566
DELAWARE.	-	-	-	-	239	122
TOTAL	35,189	3,594	-	-	45,259	12,333
CHESAPEAKE:						
MARYLAND.	5,328	536	-	-	11,433	2,698
VIRGINIA.	17	2	-	-	1,889	1,058
TOTAL	5,345	538	-	-	13,322	3,756
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	-	-	252	132
SOUTH CAROLINA.	-	-	-	-	10	4
FLORIDA, EAST COAST . . .	-	-	-	-	27	14
TOTAL	-	-	-	-	289	150
GULF, FLORIDA, WEST COAST, TOTAL.	-	-	-	-	417	46
PACIFIC:						
ALASKA.	-	-	-	-	33	20
WASHINGTON.	-	-	-	-	457	242
OREGON.	-	-	6	5	45	32
TOTAL	-	-	6	5	535	294
GRAND TOTAL	40,552	4,137	6	5	67,246	20,728

SUMMARY OF CLAM CATCH BY GEAR, 1968

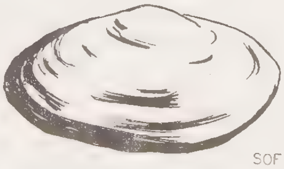
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	HARD		OCEAN QUAHOG		RANGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	3,722	2,886	225	29	48	15
TONGS	6,300	4,876	-	-	-	-
RAKES	4,211	3,820	-	-	-	-
HOES	1	1	-	-	-	-
SHOVELS	245	125	-	-	-	-
BY HAND	947	468	-	-	-	-
TOTAL	15,426	12,176	225	29	48	15

GEAR	RAZOR		SOFT		SUNRAY VENUS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	-	-	5,582	1,871	410	42
RAKES	3	1	242	118	-	-
HOES	3	2	4,477	2,161	-	-
FORKS	-	-	25	20	-	-
SHOVELS	205	132	-	-	-	-
BY HAND	-	-	42	19	-	-
TOTAL	211	135	10,368	4,189	410	42

GEAR	SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	40,545	4,135	-	-	50,532	8,978
TONGS	-	-	-	-	6,300	4,876
RAKES	1	(1)	-	-	4,457	3,939
HOES	6	2	-	-	4,487	2,166
FORKS	-	-	-	-	25	20
SHOVELS	-	-	6	5	456	262
BY HAND	-	-	-	-	989	487
TOTAL	40,552	4,137	6	5	57,246	20,728

1/ LESS THAN $500.



SOFT CLAM

U.S. CRAB FISHERY, 1968

The U.S. catch of crabs was 254.5 million pounds worth a record $44.4 million--a decline of 67.7 million pounds but an increase of $12.1 million compared with 1967. The gain in value resulted principally from a sharp increase in the prices received for king crabs and hard blue crabs--both in short supply. The volume decline was caused largely by smaller catches of king crabs in Alaska and hard blue crabs in the Chesapeake States. The total crab production and value were supported by record landings of Dungeness crabs (50.0 million pounds) worth a record $9.2 million--7.5 million pounds and $2.6 million more than in 1967.

The catch declined in all major areas but principally in the Pacific Coast and Chesapeake States. Landings on the Pacific Coast of 135.6 million pounds were 35.0 million (21 percent) less than in 1967--despite the record production of Dungeness crabs. King crab landings of 82.0 million pounds were 45.7 million less than in 1967 and 77.2 million pounds less than in 1966, the record year. In the Chesapeake States, the catch of blue crabs was 56.0 million pounds--a decline of 26.8 million (32 percent) compared with 1967.

SUMMARY OF CRAB POT OPERATING UNITS, 1968

ITEM	NEW ENGLAND				
	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE.	4	11	1	1	17
BOATS, MOTOR.	2	8	1	1	12
GEAR, NUMBER.	300	170	20	140	630

ITEM	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	5	-	5	214	324	537
ON BOATS AND SHORE. . . .	21	22	43	610	1,003	1,613
TOTAL FISHERMEN . . .	26	22	48	824	1,327	2,150
VESSELS, MOTOR:						
5 - 9 TONS.	3	-	3	164	198	361
10 - 19 TONS.	-	-	-	35	19	54
20 - 29 TONS.	-	-	-	1	1	2
TOTAL VESSELS	3	-	3	200	218	417
TOTAL GROSS TONNAGE .	23	-	23	1,591	1,604	3,188
BOATS, MOTOR.	21	15	36	579	961	1,540
GEAR, NUMBER.	1,533	1,695	3,228	73,785	138,805	212,490

ITEM	SOUTH ATLANTIC				
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	22	-	-	6	28
ON BOATS AND SHORE. . . .	339	124	112	198	773
TOTAL FISHERMEN . . .	361	124	112	204	801
VESSELS, MOTOR:					
5 - 9 TONS.	12	-	-	1	13
10 - 19 TONS.	2	-	-	2	4
TOTAL VESSELS	14	-	-	3	17
TOTAL GROSS TONNAGE .	102	-	-	35	137
BOATS, MOTOR.	339	124	86	198	747
GEAR, NUMBER.	24,380	7,440	5,320	30,675	67,815

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1968 - Continued

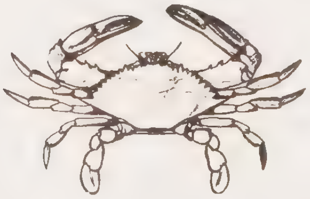
ITEM	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	38	-	-	-	-	38
ON BOATS AND SHORE. . . .	341	104	41	577	81	1,144
TOTAL FISHERMEN . . .	379	104	41	577	81	1,182
VESSELS, MOTOR:						
5 - 9 TONS.	7	-	-	-	-	7
10 - 19 TONS.	8	-	-	-	-	8
20 - 29 TONS.	2	-	-	-	-	2
30 - 39 TONS.	1	-	-	-	-	1
40 - 49 TONS.	1	-	-	-	-	1
TOTAL VESSELS	19	-	-	-	-	19
TOTAL GROSS TONNAGE .	269	-	-	-	-	269
BOATS, MOTOR.	290	96	35	391	80	892
GEAR, NUMBER.	81,894	17,347	3,870	65,550	12,820	181,481

ITEM	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	861	186	281	909	2,168
ON BOATS AND SHORE. . . .	160	121	79	280	640
TOTAL FISHERMEN . . .	1,021	307	360	1,189	2,808
VESSELS, MOTOR:					
5 - 9 TONS.	7	8	15	-	30
10 - 19 TONS.	36	31	55	44	159
20 - 29 TONS.	31	14	26	64	123
30 - 39 TONS.	21	13	16	20	65
40 - 49 TONS.	30	5	3	-	38
50 - 59 TONS.	29	-	3	-	32
60 - 69 TONS.	11	2	-	-	13
70 - 79 TONS.	6	-	-	-	6
80 - 89 TONS.	8	1	-	-	9
90 - 99 TONS.	10	-	-	-	10
100 - 109 TONS.	14	-	-	-	14
110 - 119 TONS.	10	1	-	-	11
120 - 129 TONS.	11	-	-	-	11
130 - 139 TONS.	6	-	-	-	6
140 - 149 TONS.	10	-	-	-	10
150 - 159 TONS.	2	-	-	-	2
160 - 169 TONS.	14	-	-	-	14
170 - 179 TONS.	5	-	-	-	5
180 - 189 TONS.	10	-	-	-	10
190 - 199 TONS.	6	-	-	-	6
270 - 279 TONS.	1	-	-	-	1
290 - 299 TONS.	2	-	-	-	2
320 - 329 TONS.	1	-	-	-	1
340 - 349 TONS.	1	-	-	-	1
430 - 439 TONS.	1	-	-	-	1
490 - 499 TONS.	1	-	-	-	1
530 - 539 TONS.	1	-	-	-	1
590 - 599 TONS.	2	-	-	-	2
TOTAL VESSELS	287	75	118	128	584
TOTAL GROSS TONNAGE .	24,806	1,821	2,336	2,735	31,145
BOATS:					
MOTOR	73	76	49	140	338
OTHER	-	1	-	-	1
GEAR, NUMBER.	56,122	23,354	29,355	37,244	141,902

SUMMARY OF CRAB TROT LINE OPERATING UNITS, 1968

ITEM	CHESAPEAKE		SOUTH ATLANTIC	
	MARYLAND	VIRGINIA	NORTH CAROLINA	SOUTH CAROLINA
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	107	9	6	-
ON BOATS AND SHORE	2,839	69	149	4
TOTAL FISHERMEN	2,946	78	155	4
VESSELS, MOTOR:				
5 - 9 TONS	88	5	6	-
10 - 19 TONS	15	1	-	-
TOTAL VESSELS	103	6	6	-
TOTAL GROSS TONNAGE	784	45	35	-
BOATS, MOTOR	2,669	68	148	4
GEAR:				
NUMBER	3,005	75	154	4
BAITS	1,002,100	35,300	112,800	2,888

ITEM	SOUTH ATLANTIC CONTINUED	GULF		TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, EAST COAST	MISSISSIPPI	LOUISIANA	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	-	122
ON BOATS AND SHORE	1	4	562	3,628
TOTAL FISHERMEN	1	4	562	3,750
VESSELS, MOTOR:				
5 - 9 TONS	-	-	-	99
10 - 19 TONS	-	-	-	16
TOTAL VESSELS	-	-	-	115
TOTAL GROSS TONNAGE	-	-	-	864
BOATS, MOTOR	1	4	537	3,431
GEAR:				
NUMBER	1	4	562	3,805
BAITS	750	2,400	350,600	1,506,838



BLUE CRAB

SUMMARY OF CRAB OTTER TRAWL OPERATING UNITS, 1968

ITEM	SOUTH ATLANTIC			TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	243	14	68	325
ON BOATS AND SHORE. . . .	183	10	91	284
TOTAL FISHERMEN. . . .	426	24	159	609
VESSELS, MOTOR:				
5 - 9 TONS.	53	-	1	54
10 - 19 TONS.	32	5	11	48
20 - 29 TONS.	13	-	4	17
30 - 39 TONS.	11	-	8	19
40 - 49 TONS.	7	2	2	11
50 - 59 TONS.	3	-	4	7
60 - 69 TONS.	2	-	3	5
70 - 79 TONS.	1	-	-	1
80 - 89 TONS.	1	-	-	1
90 - 99 TONS.		-	1	1
TOTAL VESSELS.	123	7	34	164
TOTAL GROSS TONNAGE. .	2,301	166	1,137	3,604
BOATS, MOTOR.	145	10	59	214
GEAR:				
NUMBER.	343	23	127	493
YARDS AT MOUTH.	4,538	403	2,081	7,022

SUMMARY OF CRAB DREDGE OPERATING UNITS, 1968

ITEM	MIDDLE ATLANTIC, NEW JERSEY	CHESAPEAKE, VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS.	12	430	442
ON BOATS AND SHORE. . . .	5	40	45
TOTAL FISHERMEN. . . .	17	470	487
VESSELS, MOTOR:			
5 - 9 TONS.	1	51	52
10 - 19 TONS.	4	65	69
20 - 29 TONS.	-	31	31
30 - 39 TONS.	-	12	12
40 - 49 TONS.	-	5	5
50 - 59 TONS.	-	1	1
60 - 69 TONS.	-	2	2
TOTAL VESSELS.	5	167	172
TOTAL GROSS TONNAGE. .	65	2,805	2,870
BOATS, MOTOR.	5	34	39
GEAR:			
NUMBER.	15	320	335
YARDS AT MOUTH.	25	519	544

SUMMARY OF CRAB CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC:						
NEW JERSEY	135	22	1	(1)	-	-
DELAWARE	223	40	-	-	-	-
TOTAL	358	62	1	(1)	-	-
CHESAPEAKE:						
MARYLAND	9,345	1,082	1,002	463	-	-
VIRGINIA	44,841	4,928	806	313	-	-
TOTAL	54,186	6,010	1,808	776	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	19,170	1,834	84	31	-	-
SOUTH CAROLINA	3,862	295	-	-	-	-
GEORGIA	3,669	298	-	-	-	-
FLORIDA, EAST COAST	6,615	567	(1)	(1)	-	-
TOTAL	33,316	2,994	84	31	-	-
GULF:						
FLORIDA, WEST COAST	9,008	674	-	-	-	-
ALABAMA	1,980	159	-	-	-	-
MISSISSIPPI	1,136	108	1	(1)	-	-
LOUISIANA	9,551	807	284	207	-	-
TEXAS	4,084	329	-	-	-	-
TOTAL	25,759	2,077	285	207	-	-
PACIFIC COAST:						
ALASKA	-	-	-	-	13,248	1,775
WASHINGTON	-	-	-	-	9,355	1,709
OREGON	-	-	-	-	11,351	2,216
CALIFORNIA	-	-	-	-	16,016	3,535
TOTAL	-	-	-	-	49,970	9,235
GRAND TOTAL	113,619	11,143	2,178	1,014	49,970	9,235

AREA AND STATE	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1	(1)	-	-	1,453	77
NEW HAMPSHIRE	29	3	-	-	12	1
MASSACHUSETTS	(1)	(1)	-	-	24	3
RHODE ISLAND	4	1	-	-	95	13
TOTAL	34	4	-	-	1,584	94
MIDDLE ATLANTIC, NEW JERSEY	-	-	-	-	52	2
PACIFIC COAST:						
ALASKA	-	-	82,038	21,878	-	-
CALIFORNIA	-	-	-	-	351	37
TOTAL	-	-	82,038	21,878	351	37
GRAND TOTAL	34	4	82,038	21,878	1,987	133

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

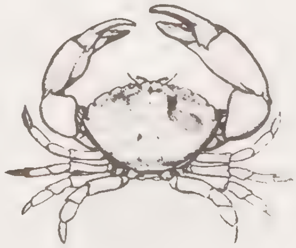
DUNGENESS CRAB

SUMMARY OF CRAB CATCH, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	STONE		TANNER		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	1,454	77
NEW HAMPSHIRE	-	-	-	-	-	-	41	4
MASSACHUSETTS	-	-	-	-	-	-	24	3
RHODE ISLAND	-	-	-	-	-	-	99	14
TOTAL	-	-	-	-	-	-	1,618	98
MIDDLE ATLANTIC:								
NEW JERSEY	-	-	-	-	-	-	188	24
DELAWARE	-	-	-	-	-	-	223	40
TOTAL	-	-	-	-	-	-	411	64
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	10,347	1,545
VIRGINIA	-	-	-	-	-	-	45,647	5,241
TOTAL	-	-	-	-	-	-	55,994	6,786
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	19,254	1,865
SOUTH CAROLINA	-	-	-	-	-	-	3,862	295
GEORGIA	-	-	-	-	-	-	3,669	298
FLORIDA, EAST COAST	119	59	-	-	-	-	6,734	626
TOTAL	119	59	-	-	-	-	33,519	3,084
GULF:								
FLORIDA, WEST COAST	1,285	601	-	-	-	-	10,293	1,275
ALABAMA	-	-	-	-	-	-	1,980	159
MISSISSIPPI	-	-	-	-	-	-	1,137	108
LOUISIANA	-	-	-	-	-	-	9,835	1,014
TEXAS	-	-	-	-	-	-	4,084	329
TOTAL	1,285	601	-	-	-	-	27,329	2,885
PACIFIC COAST:								
ALASKA	-	-	3,247	324	-	-	98,533	23,977
WASHINGTON	-	-	-	-	-	-	9,355	1,709
OREGON	-	-	-	-	-	-	11,351	2,216
CALIFORNIA	-	-	-	-	-	-	16,367	3,572
TOTAL	-	-	3,247	324	-	-	135,606	31,474
HAWAII	-	-	-	-	46	42	46	42
GRAND TOTAL	1,404	660	3,247	324	46	42	254,523	44,433

1/ LESS THAN 500 POUNDS OR $500.



STONE CRAB

SUMMARY OF CRAB CATCH BY GEAR, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

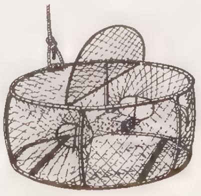
GEAR	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES, COMMON	4	1	-	-	-	-
OTTER TRAWLS	10,995	1,013	84	31	47	10
POUND NETS	1,260	139	324	127	-	-
POTS	77,517	7,576	532	255	49,923	9,225
LINES, TROT WITH BAIT	12,861	1,294	173	91	-	-
DIP NETS	872	75	71	50	-	-
SCRAPES	187	28	874	391	-	-
DREDGES	9,895	1,014	-	-	-	-
BRUSH TRAPS	-	-	106	63	-	-
BAG NETS	28	3	-	-	-	-
BY HAND	-	-	14	6	-	-
TOTAL	113,619	11,143	2,178	1,014	49,970	9,235

GEAR	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	-	-	-	-	55	2
POTS	34	4	82,038	21,878	1,931	131
DREDGES	-	-	-	-	1	(1)
TOTAL	34	4	82,038	21,878	1,987	133

GEAR	STONE		TANNER	
	QUANTITY	VALUE	QUANTITY	VALUE
POTS	1,404	660	3,247	324
TOTAL	1,404	660	3,247	324

GEAR	OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES, COMMON	-	-	4	1
OTTER TRAWLS	-	-	11,181	1,056
POUND NETS	-	-	1,584	266
POTS	7	5	216,633	40,058
LINES, TROT WITH BAITS	-	-	13,034	1,385
DIP NETS	-	-	943	125
LIFT NETS	39	37	39	37
SCRAPES	-	-	1,061	419
DREDGES	-	-	9,896	1,014
BRUSH TRAPS	-	-	106	63
BAG NETS	-	-	28	3
BY HAND	-	-	14	6
UNCLASSIFIED	(1)	(1)	(1)	(1)
TOTAL	46	42	254,523	44,433

1/ LESS THAN 500 POUNDS OR $500.



DUNGENESS CRAB POT

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. OYSTER FISHERY, 1968

The U.S. oyster fishery produced 61.9 million pounds of meats worth $32.0 million--an increase of 1.9 million pounds but a decline of $231,000 compared with 1967. Principal reason for the greater volume was a harvest of 26.7 million pounds in the Gulf States--5.0 million more than in 1967. Landings in the Middle Atlantic and Pacific Coast States increased slightly also. However, the catch in the Chesapeake States declined from 25.8 million pounds in 1967 to 22.7 million in 1968. Smaller declines occurred in the New England and South Atlantic States.

The Gulf States led in production of oyster meats with a yield of 26.7 million pounds, followed by the Chesapeake States, 22.7 million, and the Pacific Coast States, 7.8 million pounds. The Gulf and Chesapeake States accounted for 80 percent of the total production.

Dredges took 35.3 million pounds (57 percent) of the oyster catch, and tongs, 24.9 million pounds (40 percent). The rest was taken with rakes, forks, and diving outfits, or gathered by hand.

In Section 16 of this digest is a table which gives the volume of the bushel measures used for oysters in the various Atlantic and Gulf States and the average yield per bushel. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.

SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1968

ITEM	NEW ENGLAND			MIDDLE ATLANTIC			
	MASSACHUSETTS	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	25	25	32	144	11	187
ON BOATS AND SHORE. . .	5	-	5	2	15	1	18
TOTAL FISHERMEN. . .	5	25	30	34	159	12	205
VESSELS, MOTOR:							
5 - 9 TONS.	-	-	-	-	2	-	2
10 - 19 TONS.	-	6	6	2	6	1	9
20 - 29 TONS.	-	2	2	1	1	-	2
30 - 39 TONS.	-	2	2	1	5	-	6
40 - 49 TONS.	-	-	-	1	1	1	3
50 - 59 TONS.	-	-	-	1	3	-	4
60 - 69 TONS.	-	-	-	2	-	-	2
TOTAL VESSELS. . . .	-	10	10	8	18	2	28
TOTAL GROSS TONNAGE.	-	203	203	307	502	56	865
BOATS, MOTOR.	3	-	3	1	9	1	11
GEAR:							
NUMBER.	3	19	22	14	46	5	65
YARDS AT MOUTH.	3	26	29	22	46	8	76

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

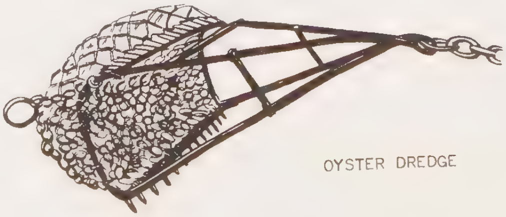
SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1968 - Continued

ITEM	CHESAPEAKE			SOUTH ATLANTIC	GULF	
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA	ALABAMA	MISSISSIPPI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	279	333	617	51	14	554
ON BOATS AND SHORE. . .	48	211	259	149	-	56
TOTAL FISHERMEN. . .	327	544	876	200	14	610
VESSELS, MOTOR:						
5 - 9 TONS.	26	94	119	24	-	4
10 - 19 TONS.	23	35	58	7	2	58
20 - 29 TONS.	4	6	10	1	-	81
30 - 39 TONS.	2	-	2	-	1	34
40 - 49 TONS.	-	-	-	-	-	10
50 - 59 TONS.	-	-	-	-	-	1
60 - 69 TONS.	-	-	-	-	-	3
TOTAL VESSELS. . . .	1/55	135	189	32	3	191
TOTAL GROSS TONNAGE.	1/639	1,298	1,929	270	59	4,657
BOATS, MOTOR.	21	108	-	137	-	22
GEAR:						
NUMBER.	131	294	424	180	6	426
YARDS AT MOUTH.	143	340	482	238	9	531

ITEM	GULF - CONTINUED			PACIFIC			
	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	626	321	1,220	57	7	-	64
ON BOATS AND SHORE. . .	388	258	702	14	-	11	25
TOTAL FISHERMEN. . .	1,014	579	1,922	71	7	11	89
VESSELS, MOTOR:							
5 - 9 TONS.	29	15	46	-	1	-	1
10 - 19 TONS.	101	81	214	12	1	-	13
20 - 29 TONS.	65	35	132	8	1	-	9
30 - 39 TONS.	29	11	50	4	-	-	4
40 - 49 TONS.	6	2	12	2	-	-	2
50 - 59 TONS.	1	1	1	-	-	-	-
60 - 69 TONS.	-	-	3	-	-	-	-
TOTAL VESSELS. . . .	231	145	458	26	3	-	29
TOTAL GROSS TONNAGE.	4,460	2,504	8,918	605	43	-	648
BOATS, MOTOR.	199	121	342	11	-	5	16
GEAR:							
NUMBER.	775	266	1,277	2/64	6	2/4	74
YARDS AT MOUTH.	915	266	1,502	124	12	4	140

1/ INCLUDES 43 SAILING VESSELS WITH A TOTAL OF 513 GROSS TONS.

2/ INCLUDES SUCTION DREDGES.



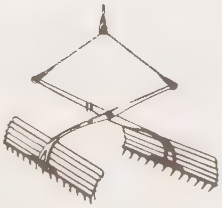
OYSTER DREDGE

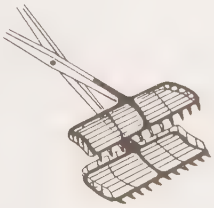
SUMMARY OF OYSTER TONG OPERATING UNITS, 1968

ITEM	NEW ENGLAND				MIDDLE ATLANTIC			
	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE.	15	4	2	21	4	85	3	92
BOATS:								
MOTOR	8	4	2	14	4	85	3	92
OTHER	1	-	-	1	-	-	-	-
GEAR, NUMBER.	15	4	2	21	4	85	3	92

ITEM	CHESAPEAKE			SOUTH ATLANTIC				
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	312	642	954	-	-	-	-	-
ON BOATS AND SHORE. . . .	2,888	1,879	4,767	269	114	57	24	464
TOTAL FISHERMEN . . .	3,200	2,521	5,721	269	114	57	24	464
VESSELS, MOTOR:								
5 - 9 TONS.	233	264	496	-	-	-	-	-
10 - 19 TONS.	56	41	97	-	-	-	-	-
TOTAL VESSELS	289	305	593	-	-	-	-	-
TOTAL GROSS TONNAGE .	2,336	2,377	4,706	-	-	-	-	-
BOATS:								
MOTOR	2,727	1,362	4,089	269	114	57	24	464
OTHER	-	-	-	-	-	30	-	30
GEAR, NUMBER.	3,200	2,522	5,722	269	114	57	24	464

ITEM	GULF						PACIFIC	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	CALIFORNIA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	14	-	-	-	-	14	-	968
ON BOATS AND SHORE. . . .	744	642	520	99	43	2,048	40	7,432
TOTAL FISHERMEN . . .	758	642	520	99	43	2,062	40	8,400
VESSELS, MOTOR:								
5 - 9 TONS.	-	-	-	-	-	-	-	496
10 - 19 TONS.	7	-	-	-	7	14	-	111
TOTAL VESSELS	7	-	-	-	7	14	-	607
TOTAL GROSS TONNAGE .	88	-	-	-	88	88	-	4,794
BOATS:								
MOTOR	601	352	500	60	43	1,556	21	6,236
OTHER	-	43	10	6	-	59	-	90
GEAR, NUMBER.	756	642	510	99	43	2,050	40	8,349





SUMMARY OF OYSTER CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	DREDGES		TONGS		RAKES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	3	7	61	141	2	6
RHODE ISLAND.	-	-	1	1	-	-
CONNECTICUT	122	283	(1)	(1)	-	-
TOTAL.	125	290	62	142	2	6
MIDDLE ATLANTIC:						
NEW YORK.	171	373	4	4	-	-
NEW JERSEY.	1,248	1,005	72	69	-	-
DELAWARE.	38	37	5	4	-	-
TOTAL.	1,457	1,415	81	77	-	-
CHESAPEAKE:						
MARYLAND.	2,986	2,310	11,888	7,681	-	-
VIRGINIA.	3,465	2,301	4,340	2,968	-	-
TOTAL.	6,451	4,611	16,228	10,649	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	114	78	169	113	36	26
SOUTH CAROLINA.	-	-	831	432	1,289	618
GEORGIA	166	93	-	-	-	-
FLORIDA, EAST COAST . . .	-	-	139	56	-	-
TOTAL.	280	171	1,139	601	1,325	644
GULF:						
FLORIDA, WEST COAST . . .	-	-	5,281	1,736	-	-
ALABAMA	67	33	1,144	575		-
MISSISSIPPI	3,373	1,003	413	160	-	-
LOUISIANA	12,874	5,190	243	114	-	-
TEXAS	3,251	1,422	48	21	-	-
TOTAL.	19,565	7,648	7,129	2,606	-	-
PACIFIC COAST:						
WASHINGTON:						
PACIFIC	6,418	2,380	-	-	-	-
WESTERN	57	171	-	-	-	-
TOTAL.	6,475	2,551	-	-	-	-
OREGON:						
PACIFIC	628	246	-	-	-	-
WESTERN	1	4	-	-	-	-
TOTAL.	629	250	-	-	-	-
CALIFORNIA:						
EASTERN	-	-	16	48	-	-
PACIFIC	360	83	286	67	-	-
TOTAL.	360	83	302	115	-	-
TOTAL PACIFIC STATES .	7,464	2,884	302	115	-	-
GRAND TOTAL.	35,342	17,019	24,941	14,192	1,327	650

AREA AND STATE	FORKS		DIVING OUTFITS		BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	(1)	(1)	-	-	(1)	(1)
MASSACHUSETTS	6	18	-	-	-	-	72	172
RHODE ISLAND.	-	-	-	-	-	-	1	1
CONNECTICUT	-	-	-	-	-	-	122	283
TOTAL.	6	18	(1)	(1)	-	-	195	456
MIDDLE ATLANTIC:								
NEW YORK.	-	-	-	-	-	-	175	377
NEW JERSEY.	-	-	-	-	-	-	1,320	1,074
DELAWARE.	-	-	-	-	-	-	43	41
TOTAL.	-	-	-	-	-	-	1,538	1,492

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

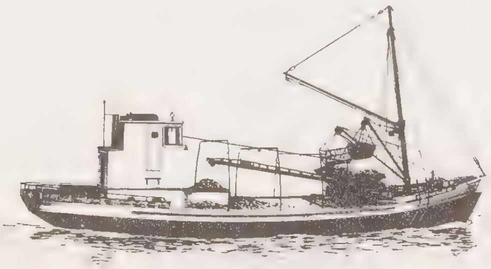
SUMMARY OF OYSTER CATCH, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	FORKS		DIVING OUTFITS		BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	14,874	9,991
VIRGINIA	-	-	-	-	-	-	7,805	5,269
TOTAL	-	-	-	-	-	-	22,679	15,260
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	83	52	402	269
SOUTH CAROLINA	-	-	-	-	-	-	2,120	1,050
GEORGIA	-	-	-	-	25	14	191	107
FLORIDA, EAST COAST	-	-	-	-	113	45	252	101
TOTAL	-	-	-	-	221	111	2,965	1,527
GULF:								
FLORIDA, WEST COAST	-	-	-	-	37	16	5,318	1,754
ALABAMA	-	-	-	-	-	-	1,211	608
MISSISSIPPI	-	-	-	-	-	-	3,786	1,163
LOUISIANA	-	-	-	-	5	1	13,122	5,305
TEXAS	-	-	-	-	3	1	3,302	1,444
TOTAL	-	-	-	-	45	18	26,739	10,274
PACIFIC COAST:								
ALASKA, PACIFIC	-	-	-	-	4	2	4	2
WASHINGTON:								
PACIFIC	-	-	-	-	-	-	6,418	2,380
WESTERN	-	-	-	-	-	-	57	171
TOTAL	-	-	-	-	4	2	6,475	2,551
OREGON:								
PACIFIC	-	-	-	-	-	-	628	246
WESTERN	-	-	-	-	-	-	1	4
TOTAL	-	-	-	-	-	-	629	250
CALIFORNIA:								
EASTERN	-	-	-	-	-	-	16	48
PACIFIC	-	-	-	-	-	-	646	150
TOTAL	-	-	-	-	-	-	662	198
TOTAL PACIFIC STATES	-	-	-	-	4	2	7,770	3,001
GRAND TOTAL	6	18	(1)	(1)	270	131	61,886	32,010

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE CATCH BY HAND IN WASHINGTON AND OREGON HAS BEEN INCLUDED WITH THE CATCH BY DREDGES; IN CALIFORNIA, IT HAS BEEN INCLUDED WITH TONGS.



OYSTER DREDGE

SUMMARY OF ATLANTIC AND GULF OYSTER CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	PUBLIC		PRIVATE	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE.	(1)	(1)	-	-
MASSACHUSETTS.	6	16	66	156
RHODE ISLAND	1	1	-	-
CONNECTICUT.	(1)	(1)	122	283
TOTAL	7	17	188	439
MIDDLE ATLANTIC:				
NEW YORK	4	4	171	373
NEW JERSEY	69	64	1,251	1,010
DELAWARE	-	-	43	41
TOTAL	73	68	1,465	1,424
CHESAPEAKE:				
MARYLAND	13,975	9,095	899	896
VIRGINIA	3,966	2,714	3,839	2,555
TOTAL	17,941	11,809	4,738	3,451
SOUTH ATLANTIC:				
NORTH CAROLINA	352	236	50	33
SOUTH CAROLINA	-	-	2,120	1,050
GEORGIA.	-	-	191	107
FLORIDA, EAST COAST. .	81	33	171	68
TOTAL	433	269	2,532	1,258
GULF:				
FLORIDA, WEST COAST. .	5,128	1,689	190	65
ALABAMA.	1,095	550	116	58
MISSISSIPPI.	3,571	1,110	215	53
LOUISIANA.	1,581	602	11,541	4,703
TEXAS.	3,133	1,362	169	82
TOTAL	14,508	5,313	12,231	4,961
GRAND TOTAL	32,962	17,476	21,154	11,533

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF OYSTER CATCH BY SPECIES, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
EASTERN:		
PUBLIC	32,962	17,476
PRIVATE 1/	21,170	11,581
TOTAL	54,132	29,057
PACIFIC.	7,696	2,776
WESTERN.	58	175
GRAND TOTAL	61,886	32,010

1/ EASTERN PRIVATE, INCLUDES 16,000 POUNDS OF OYSTERS, VALUED AT $48,000 HARVESTED IN CALIFORNIA.

OYSTER

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. SHRIMP FISHERY, 1968

The U.S. shrimp catch was 299.3 million pounds (heads-on)--a decline of 8.5 million pounds compared with the record harvest of the previous year. The value of the catch was a record $114.9 million--a gain of $11.4 million compared with 1967. For the second consecutive year, the domestic shrimp fishery exceeded $100.0 million: shrimp retained its position as the most valuable fishery in the United States.

The Gulf States accounted for 204.0 million pounds (68 percent of the total); Pacific Coast, 56.4 million (19 percent); South Atlantic, 24.3 million (8 percent); and the New England States, 14.6 million pounds (5 percent). A negligible quantity was taken in the Mississippi River States and in Hawaii. Landings declined sharply in the Gulf States but increased in all other major areas.

The otter trawl fleet took 294.4 million pounds--98 percent of the total. An additional 4.9 million pounds were taken by haul seines, bag nets, butterfly nets, beam trawls, pots and traps, and cast nets.

The U.S. otter trawl fishery employed 18,621 fishermen on 4,295 vessels and 5,927 motor boats. Texas led in number of vessels (5 net tons or more) with 1,675. Louisiana, second in number of vessels with 1,422, led in number of boats with 3,402.

SUMMARY OF SHRIMP CATCH, 1968

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		BAG NETS		BUTTERFLY NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	331	149	-	-
SOUTH CAROLINA.	47	12	-	-	-	-
TOTAL	47	12	331	149	-	-
GULF, LOUISIANA, TOTAL. . .	-	-	-	-	2,214	758
GRAND TOTAL	47	12	331	149	2,214	758

AREA AND STATE	BEAM TRAWLS		OTTER TRAWLS		POTS AND TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	14,363	1,590	-	-
NEW HAMPSHIRE	-	-	95	11	-	-
MASSACHUSETTS	-	-	114	11	-	-
TOTAL	-	-	14,572	1,612	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	4,284	2,208	-	-
SOUTH CAROLINA.	-	-	6,249	3,663	-	-
GEORGIA	-	-	8,536	4,929	-	-
FLORIDA, EAST COAST . . .	-	-	4,800	3,024	-	-
TOTAL	-	-	23,869	13,824	-	-
GULF:						
FLORIDA, WEST COAST . . .	-	-	27,277	12,695	-	-
ALABAMA	-	-	15,450	7,964	-	-
MISSISSIPPI	-	-	10,193	3,677	-	-
LOUISIANA	-	-	65,554	24,865	-	-
TEXAS	-	-	83,336	45,870	-	-
TOTAL	-	-	201,810	95,071	-	-
PACIFIC:						
ALASKA.	2,125	126	39,856	1,731	96	4
WASHINGTON.	11	4	1,164	104	14	8
OREGON.	-	-	10,847	1,190	-	-
CALIFORNIA.	-	-	2,293	260	-	-
TOTAL	2,136	130	54,160	3,285	110	12
MISSISSIPPI RIVER AND TRIBUTARIES, LOUISIANA . .	-	-	-	-	1	1
GRAND TOTAL	2,136	130	294,411	113,792	111	13

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP CATCH, 1968 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	CAST NETS		UNCLASSIFIED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	14,363	1,590
NEW HAMPSHIRE	-	-	-	-	95	11
MASSACHUSETTS	-	-	-	-	114	11
TOTAL	-	-	-	-	14,572	1,612
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	-	-	4,615	2,357
SOUTH CAROLINA.	38	11	-	-	6,334	3,686
GEORGIA	-	-	-	-	8,536	4,929
FLORIDA, EAST COAST . . .	-	-	-	-	4,800	3,024
TOTAL	38	11	-	-	24,285	13,996
GULF:						
FLORIDA, WEST COAST . . .	-	-	-	-	27,277	12,695
ALABAMA	-	-	-	-	15,450	7,964
MISSISSIPPI	-	-	-	-	10,193	3,677
LOUISIANA	-	-	-	-	67,768	25,623
TEXAS	-	-	-	-	83,336	45,870
TOTAL	-	-	-	-	204,024	95,829
PACIFIC:						
ALASKA.					42,077	1,861
WASHINGTON.	-	-	-	-	1,189	116
OREGON.	-	-	-	-	10,847	1,190
CALIFORNIA.	-	-	-	-	2,293	260
TOTAL	-	-	-	-	56,406	3,427
MISSISSIPPI RIVER AND TRIBUTARIES, LOUISIANA . .	-	-	-	-	1	1
HAWAII.	-	-	1	1	1	1
GRAND TOTAL	38	11	1	1	299,289	114,866

SHRIMP

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1968

GROSS TONNAGE	NEW ENGLAND, MAINE, TOTAL, EXCLUSIVE OF DUPLICATION	SOUTH ATLANTIC				
		NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9.	1	94	32	15	1	132
10 - 19.	23	47	67	45	18	156
20 - 29.	28	32	47	53	27	124
30 - 39.	12	34	51	86	47	158
40 - 49.	6	31	48	54	46	126
50 - 59.	3	14	12	29	38	67
60 - 69.	2	8	10	29	36	62
70 - 79.	3	7	7	12	21	29
80 - 89.	-	7	5	8	11	19
90 - 99.	-	3	1	12	23	29
100 - 109.	1	-	-	2	3	3
110 - 119.	-	-	-	-	2	2
120 - 129.	-	-	-	-	1	1
140 - 149.	-	-	-	-	1	1
200 - 209.	-	-	-	1	-	1
250 - 259.	-	-	-	1	-	1
TOTAL VESSELS	79	277	280	347	275	911
TOTAL GROSS TONNAGE . .	2,303	7,313	8,514	14,286	14,504	32,652

GROSS TONNAGE	GULF						SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9.	33	27	12	51	28	130	262
10 - 19.	105	94	84	222	176	552	707
20 - 29.	44	48	93	161	89	338	454
30 - 39.	120	53	68	151	119	345	466
40 - 49.	148	43	58	163	150	361	430
50 - 59.	88	27	35	135	147	266	299
60 - 69.	206	52	59	217	407	535	557
70 - 79.	87	30	20	108	208	263	276
80 - 89.	41	14	7	45	106	132	145
90 - 99.	90	27	19	88	232	278	292
100 - 109.	9	5	6	29	44	56	59
110 - 119.	2	6	8	18	32	42	42
120 - 129.	6	16	9	24	27	47	48
130 - 139.	7	22	6	21	36	59	59
140 - 149.	1	2	-	7	7	13	14
150 - 159.	-	-	2	2	3	5	5
160 - 169.	-	1	-	2	2	4	4
170 - 179.	-	-	-	1	1	1	1
190 - 199.	1	-	-	1	-	2	2
200 - 209.	-	-	-	-	-	-	1
220 - 229.	-	-	-	1	1	1	1
250 - 259.	-	-	-	-	-	-	1
TOTAL VESSELS	988	467	486	1,447	1,815	3,430	4,125
TOTAL GROSS TONNAGE . .	53,440	23,718	21,844	74,573	115,643	180,001	200,761

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1968 - Continued

GROSS TONNAGE	PACIFIC					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	-	1	-	1	264
10 - 19	1	-	1	5	6	736
20 - 29	2	1	13	10	22	504
30 - 39	3	-	13	5	20	498
40 - 49	3	2	6	5	13	449
50 - 59	4	-	2	3	9	311
60 - 69	6	-	1	1	8	567
70 - 79	-	-	1	-	1	280
80 - 89	3	-	1	-	4	149
90 - 99	3	-	-	-	3	295
100 - 109	-	-	1	1	2	62
110 - 119	-	-	1	-	1	43
120 - 129	1	-	-	-	1	49
130 - 139	-	-	-	-	-	59
140 - 149	-	-	-	-	-	14
150 - 159	-	-	-	-	-	5
160 - 169	-	-	-	-	-	4
170 - 179	-	-	-	-	-	1
190 199	-	-	-	-	-	2
200 - 209	-	-	-	-	-	1
220 - 229	-	-	-	-	-	1
250 - 259	-	-	-	-	-	1
TOTAL VESSELS	26	3	41	30	91	4,295
TOTAL GROSS TONNAGE	1,555	110	1,607	1,008	4,010	207,074

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1968

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	62	80	79	62	842
NEW HAMPSHIRE	2	3	2	2	35
TOTAL, EXCLUSIVE OF DUPLICATION	64	83	81	64	877
SOUTH ATLANTIC:					
NORTH CAROLINA	402	263	249	402	5,040
SOUTH CAROLINA	23	12	34	23	376
GEORGIA	303	195	250	306	3,909
FLORIDA, EAST COAST	18	35	-	18	227
TOTAL, EXCLUSIVE OF DUPLICATION	746	505	533	749	9,552
GULF:					
FLORIDA, WEST COAST	84	104	26	84	1,111
ALABAMA	139	227	67	139	1,946
MISSISSIPPI	634	146	580	634	5,420
LOUISIANA	3,471	2,910	1,510	3,471	47,429
TEXAS	781	601	418	781	8,695
TOTAL, EXCLUSIVE OF DUPLICATION	5,109	3,988	2,601	5,109	64,601
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION	5,855	4,493	3,134	5,858	74,153

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1968 - Continued

AREA AND STATE	BOATS	BOAT FISHERY			
		FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
PACIFIC:					
ALASKA.	6	12	-	6	72
CALIFORNIA.	2	6	-	2	30
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	8	18	-	8	102
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	5,927	4,594	3,215	6,107	75,132

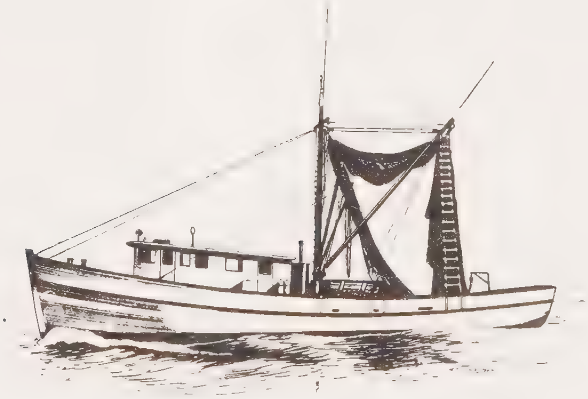
AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND, MAINE.	79	2,303	171	79	1,318
SOUTH ATLANTIC:					
NORTH CAROLINA.	277	7,313	614	480	7,543
SOUTH CAROLINA.	280	8,514	587	545	9,921
GEORGIA	347	14,286	694	672	10,658
FLORIDA, EAST COAST . . .	275	14,504	577	547	8,544
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	911	32,652	1,919	1,715	28,560
GULF:					
FLORIDA, WEST COAST . . .	988	53,440	2,412	1,859	30,782
ALABAMA	467	23,718	1,164	793	13,522
MISSISSIPPI	486	21,844	1,195	775	13,348
LOUISIANA	1,447	74,573	3,824	2,597	45,245
TEXAS	1,815	115,643	4,932	3,412	59,105
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	3,430	180,001	8,851	6,069	104,064
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	4,125	200,761	10,355	7,354	125,747
PACIFIC:					
ALASKA.	26	1,555	78	26	390
WASHINGTON.	3	110	9	3	57
OREGON.	41	1,607	135	41	779
CALIFORNIA.	30	1,008	91	30	450
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	91	4,010	286	91	1,541
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	4,295	207,074	10,812	7,445	127,288

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:				
MAINE	141	330	141	2,160
NEW HAMPSHIRE	2	5	2	35
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	143	335	143	2,195
SOUTH ATLANTIC:				
NORTH CAROLINA.	679	1,1[illegible]	862	12,583
SOUTH CAROLINA.	303	633	568	10,297
GEORGIA	650	1,139	47[illegible]	14,567
FLORIDA, EAST COAST . . .	293	612	565	8,771
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	1,657	2,95[illegible]	2,464	46,112

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1968 - Continued

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
GULF:				
FLORIDA, WEST COAST . . .	1,072	2,542	1,943	31,893
ALABAMA	606	1,458	932	15,468
MISSISSIPPI	1,120	1,921	1,409	18,768
LOUISIANA	4,918	8,244	6,068	92,674
TEXAS	2,596	5,951	4,193	67,800
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	8,539	15,440	11,178	168,665
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	9,980	17,982	13,212	199,900
PACIFIC:				
ALASKA.	32	90	32	462
WASHINGTON.	3	110	3	57
OREGON.	41	135	41	779
CALIFORNIA.	32	97	32	480
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	99	304	99	1,643
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	10,222	18,621	13,552	202,420



LARGE SHRIMP TRAWLER

U.S. FISH OTTER TRAWL FLEET, 1968

The following tables contain information on the U.S. fish otter trawl fleet. The data include detailed information on the operating units in this fishery and a breakdown of vessels by area, State, and gross tonnage. The fish otter trawl fleet employed 4,796 fishermen on 1,159 vessels (craft of 5 net tons or more) and 173 boats. Forty vessels used two trawls, which brought the total number of trawls in use to 1,199.

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1968

GROSS TONNAGE	NEW ENGLAND				
	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	1	1	1	2	4
10 - 19	19	33	11	6	69
20 - 29	27	26	15	3	69
30 - 39	13	40	13	6	61
40 - 49	6	26	13	2	43
50 - 59	4	27	5	1	35
60 - 69	1	35	3	-	37
70 - 79	3	35	5	-	39
80 - 89	-	20	1	-	20
90 - 99	-	11	1	-	12
100 - 109	1	12	-	-	13
110 - 119	-	19	-	-	19
120 - 129	-	8	-	-	8
130 - 139	-	10	1	-	10
140 - 149	-	5	-	-	5
150 - 159	-	11	-	-	11
160 - 169	3	5	-	-	8
170 - 179	1	7	-	-	7
180 - 189	-	3	-	-	3
190 - 199	5	10	-	-	13
210 - 219	-	1	-	-	1
220 - 229	-	1	-	-	1
230 - 239	1	2	-	-	3
240 - 249	1	3	-	-	3
290 - 299	-	2	-	-	2
300 - 309	2	-	-	-	2
310 - 319	3	1	-	-	4
320 - 329	2	-	-	-	2
450 - 459	-	1	-	-	1
TOTAL VESSELS	93	355	69	20	505
TOTAL GROSS TONNAGE	6,541	28,446	2,711	494	35,995

GROSS TONNAGE	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	4	10	14	-	2	2
10 - 19	39	19	56	5	6	10
20 - 29	36	14	50	7	7	10
30 - 39	25	14	38	3	6	8
40 - 49	10	18	27	4	7	9

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1968 - Continued

GROSS TONNAGE	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
50 - 59	6	15	20	1	10	10
60 - 69	1	9	9	1	4	5
70 - 79	8	14	18	3	9	10
80 - 89	5	3	7	-	4	4
90 - 99	1	1	2	-	1	1
100 - 109	2	1	2	-	2	2
110 - 119	1	2	2	-	5	5
120 - 129	3	1	3	-	3	3
130 - 139	1	-	1	-	-	-
140 - 149	1	-	1	-	1	1
150 - 159	1	-	1	-	2	2
160 - 169	-	-	-	-	1	1
180 - 189	1	-	1	-	-	-
190 - 199	2	-	2	-	3	3
TOTAL VESSELS	147	121	254	24	73	86
TOTAL GROSS TONNAGE .	5,950	5,212	10,203	878	5,070	5,503

GROSS TONNAGE	SOUTH ATLANTIC, NORTH CAROLINA TOTAL, EXCLUSIVE OF DUPLICATION	GULF			PACIFIC	
		MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION	ALASKA	WASHINGTON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	6	-	-	-	-	1
10 - 19	11	3	2	5	-	3
20 - 29	14	7	3	10	1	10
30 - 39	23	14	4	17	2	15
40 - 49	23	8	1	8	-	24
50 - 59	11	3	1	3	-	13
60 - 69	8	4	-	4	-	9
70 - 79	8	4	-	4	1	5
80 - 89	4	1	1	2	-	3
90 - 99	2	1	3	4	-	4
100 - 109	1	1	-	1	-	4
110 - 119	-	2	-	2	-	1
120 - 129	3	1	2	3	1	-
130 - 139	-	1	-	1	-	1
150 - 159	1	2	1	3	-	-
590 - 599	-	-	-	-	1	-
TOTAL VESSELS	115	52	18	67	6	93
TOTAL GROSS TONNAGE .	5,227	2,846	1,117	3,832	877	4,884

GROSS TONNAGE	PACIFIC - CONTINUED			GREAT LAKES, TOTAL, EXCLUSIVE OF DUPLICATION	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	1	-	2	-	26
10 - 19	3	12	17	7	174
20 - 29	7	17	34	3	182
30 - 39	10	12	36	1	172
40 - 49	12	14	47	4	156
50 - 59	6	7	25	1	91
60 - 69	2	2	11	1	66
70 - 79	3	5	12	1	74
80 - 89	2	3	7	-	37
90 - 99	2	-	5	-	24
100 - 109	1	2	6	-	23
110 - 119	1	1	2	-	29
120 - 129	-	-	1	-	16
130 - 139	-	-	1	-	12
140 - 149	-	-	-	-	6

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1968 - Continued

GROSS TONNAGE	PACIFIC - CONTINUED			GREAT LAKES, TOTAL, EXCLUSIVE OF DUPLICATION	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
150 - 159	-	-	-	-	16
160 - 169	-	-	-	-	9
170 - 179	-	-	-	-	7
180 - 189	-	-	-	-	3
190 - 199	1	-	1	-	16
210 - 219	-	-	-	-	1
220 - 229	-	-	-	-	1
230 - 239	-	-	-	-	3
240 - 249	-	-	-	-	3
290 - 299	-	-	-	-	2
300 - 309	-	-	-	-	2
310 - 319	-	-	-	-	4
320 - 329	-	-	-	-	2
450 - 459	-	-	-	-	1
590 - 599	-	-	1	-	1
TOTAL VESSELS	51	75	203	18	1,159
TOTAL GROSS TONNAGE .	2,5[illegible]	3,023	10,35[illegible]	570	[illegible]5,013

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1968

AREA AND STATE	BOAT	BOAT FISHERY			
		FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	56	63	39	56	959
NEW HAMPSHIRE	1	3	-	1	20
MASSACHUSETTS	1	-	1	1	15
RHODE ISLAND.	4	2	6	4	68
CONNECTICUT	39	20	31	39	525
TOTAL, EXCLUSIVE OF DUPLICATION.	101	88	77	101	1,587
MIDDLE ATLANTIC:					
NEW YORK.	7	14	-	7	112
NEW JERSEY.	4	8	-	4	52
TOTAL, EXCLUSIVE OF DUPLICATION.	11	22	-	11	164
CHESAPEAKE, VIRGINIA, TOTAL, EXCLUSIVE OF DUPLICATION .	7	12	-	7	105
SOUTH ATLANTIC, NORTH CAROLINA, TOTAL, EXCLUSIVE OF DUPLICATION	50	8	42	50	500
PACIFIC:					
ALASKA.	1	3	-	1	12
CALIFORNIA.	3	6	-	3	64
TOTAL, EXCLUSIVE OF DUPLICATION.	4	9	-	4	76
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	173	139	119	202	2,827

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1968 - Continued

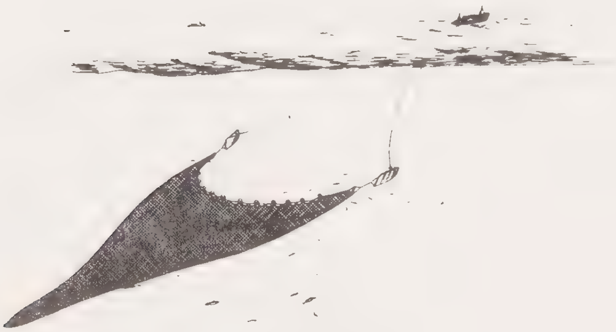
AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	93	6,541	305	93	1,878
MASSACHUSETTS	355	28,446	2,126	355	9,667
RHODE ISLAND	69	2,711	226	69	1,799
CONNECTICUT	20	494	46	20	408
TOTAL, EXCLUSIVE OF DUPLICATION	505	35,995	2,579	505	12,959
MIDDLE ATLANTIC:					
NEW YORK	147	5,950	401	147	3,476
NEW JERSEY	121	5,212	383	121	2,968
TOTAL, EXCLUSIVE OF DUPLICATION	254	10,203	735	254	6,083
CHESAPEAKE:					
MARYLAND	24	878	78	24	623
VIRGINIA	73	5,070	294	73	1,925
TOTAL, EXCLUSIVE OF DUPLICATION	86	5,503	333	86	2,270
SOUTH ATLANTIC, NORTH CAROLINA, TOTAL, EXCLUSIVE OF DUPLICATION	115	5,227	327	146	3,427
GULF:					
MISSISSIPPI	52	2,846	131	71	1,351
LOUISIANA	18	1,117	44	27	530
TOTAL, EXCLUSIVE OF DUPLICATION	67	3,832	168	94	1,806
PACIFIC:					
ALASKA	6	877	24	6	90
WASHINGTON	93	4,884	338	93	2,024
OREGON	51	2,560	163	51	1,158
CALIFORNIA	75	3,023	226	75	2,042
TOTAL, EXCLUSIVE OF DUPLICATION	208	11,350	718	208	4,911
GREAT LAKES, TOTAL, EXCLUSIVE OF DUPLICATION	18	570	38	19	399
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,159	65,013	4,538	1,199	28,938

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:				
MAINE	149	407	149	2,837
NEW HAMPSHIRE	1	3	1	20
MASSACHUSETTS	356	2,127	356	9,682
RHODE ISLAND	73	234	73	1,867
CONNECTICUT	59	97	59	933
TOTAL, EXCLUSIVE OF DUPLICATION	606	2,744	606	14,547
MIDDLE ATLANTIC:				
NEW YORK	408	415	154	3,588
NEW JERSEY	125	391	125	3,020
TOTAL, EXCLUSIVE OF DUPLICATION	265	757	265	6,247
CHESAPEAKE:				
MARYLAND	24	78	24	623
VIRGINIA	80	306	80	2,030
TOTAL, EXCLUSIVE OF DUPLICATION	93	334	93	2,375
SOUTH ATLANTIC, NORTH CAROLINA, TOTAL, EXCLUSIVE OF DUPLICATION	165	377	196	3,927

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1968 - Continued

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
GULF:				
MISSISSIPPI	52	131	71	1,351
LOUISIANA	18	44	27	530
TOTAL, EXCLUSIVE OF DUPLICATION.	67	168	94	1,806
PACIFIC:				
ALASKA.	7	27	7	102
WASHINGTON.	93	338	93	2,321
OREGON.	51	183	51	1,158
CALIFORNIA.	78	232	78	2,106
TOTAL, EXCLUSIVE OF DUPLICATION.	212	727	230	5,536
GREAT LAKES, TOTAL, EXCLUSIVE OF DUPLICATION. . . .	18	570	19	38
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	1,332	4,796	1,401	31,765



FISH OTTER TRAWL

SECTION 13 - SUPPLEMENTARY SECTION

Certain statistics on the 1967 fisheries were not available for inclusion in Fishery Statistics of the United States, 1967 (Statistical Digest 61). These data are included in this publication to provide continuity in our statistical series.

LENGTH DISTRIBUTION OF U.S. FISHING VESSELS, 1967

LENGTH IN FEET	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
21 - 29	11	9	4	58	41
30 - 39	119	115	911	363	696
40 - 49	109	105	306	306	929
50 - 59	127	100	96	235	1,051
60 - 69	92	102	26	119	1,033
70 - 79	99	54	10	12	119
80 - 89	71	27	11	3	9
90 - 99	29	11	5	3	4
100 - 109	33	13	11	6	10
110 - 119	10	-	4	4	4
120 - 129	4	9	29	28	16
130 - 139	10	2	2	4	11
140 - 148	-	3	2	6	12
150 - 157	-	-	-	1	9
160 - 168	-	1	2	3	21
171 - 176	-	-	-	1	-
193 - 195	-	-	-	-	3
TOTAL VESSELS . . .	714	551	1,419	1,152	3,968

LENGTH IN FEET	PACIFIC	GREAT LAKES 1/	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
21 - 29	644	23	1	790
30 - 39	2,371	216	7	4,768
40 - 49	1,306	74	17	3,086
50 - 59	292	15	14	1,808
60 - 69	170	1	11	1,479
70 - 79	111	1	10	378
80 - 89	50	-	1	148
90 - 99	23	-	-	65
100 - 109	17	-	-	70
110 - 119	45	-	-	64
120 - 129	17	-	-	67
130 - 139	15	-	-	40
140 - 148	3	-	-	19
150 - 157	4	-	-	13
160 - 168	3	-	-	26
171 - 176	4	-	-	5
180 - 189	1	-	-	1
193 - 195	-	-	-	3
TOTAL VESSELS . . .	5,076	330	61	12,830

1/ INCLUDES 2 VESSELS OPERATING IN THE MISSISSIPPI RIVER DRAINAGE AREA, 1 OF WHICH ALSO OPERATED IN THE GREAT LAKES.

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1967

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES 2/	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0 - 9. . .	30	46	913	197	234	979	50	2	2,441
10 - 19. . .	134	122	310	256	841	2,128	160	15	3,943
20 - 29. . .	85	77	63	141	446	724	74	18	1,608
30 - 39. . .	77	60	27	166	421	399	25	11	1,126
40 - 49. . .	51	65	17	146	397	302	17	9	927
50 - 59. . .	41	38	10	67	286	146	2	4	551
60 - 69. . .	41	32	6	61	552	61	1	1	711
70 - 79. . .	47	32	12	36	260	40	1	1	387
80 - 89. . .	24	11	4	8	120	27	-	-	184
90 - 99. . .	23	9	1	15	190	28	-	-	255
100 - 109. . .	15	4	1	2	43	24	-	-	86
110 - 119. . .	28	16	7	2	28	16	-	-	83
120 - 129. . .	13	6	3	4	34	16	-	-	67
130 - 139. . .	15	4	1	-	21	16	-	-	54
140 - 149. . .	9	5	2	3	5	10	-	-	28
150 - 159. . .	15	3	3	1	3	4	-	-	25
160 - 169. . .	13	2	1	-	3	14	-	-	31
170 - 179. . .	10	-	1	1	5	5	-	-	20
180 - 189. . .	5	1	1	1	5	13	-	-	24
190 - 199. . .	12	7	8	11	13	19	-	-	54
200 - 209. . .	2	1	-	1	-	-	-	-	3
210 - 219. . .	1	2	-	1	3	3	-	-	9
220 - 229. . .	1	-	1	-	4	1	-	-	7
230 - 239. . .	3	2	1	1	3	2	-	-	10
240 - 249. . .	3	1	4	5	2	-	-	-	10
250 - 259. . .	1	1	7	7	3	2	-	-	12
260 - 269. . .	2	2	9	8	3	2	-	-	17
270 - 279. . .	-	-	-	-	-	6	-	-	6
280 - 289. . .	-	1	1	2	-	2	-	-	4
290 - 299. . .	2	-	-	1	1	4	-	-	7
300 - 309. . .	2	-	-	-	1	2	-	-	5
310 - 319. . .	3	-	-	1	3	5	-	-	11
320 - 329. . .	2	-	1	1	1	2	-	-	6
330 - 339. . .	-	-	-	-	-	3	-	-	3
340 - 349. . .	-	-	-	-	-	4	-	-	4
350 - 359. . .	-	-	-	-	-	6	-	-	6
360 - 369. . .	-	-	-	-	3	5	-	-	8
370 - 379. . .	-	-	1	1	-	2	-	-	3
380 - 389. . .	-	-	-	-	2	2	-	-	4
390 - 399. . .	-	-	-	-	-	1	-	-	1
400 - 409. . .	-	-	-	-	-	1	-	-	1
410 - 419. . .	-	-	-	-	1	2	-	-	3
420 - 429. . .	-	-	-	-	-	3	-	-	3
430 - 439. . .	-	-	-	-	-	7	-	-	7
440 - 449. . .	2	-	-	-	-	3	-	-	5
450 - 459. . .	1	-	-	1	1	-	-	-	2
460 - 469. . .	-	-	-	-	1	2	-	-	3
470 - 479. . .	1	-	-	-	5	13	-	-	18
480 - 489. . .	-	-	1	-	2	3	-	-	5
490 - 499. . .	-	-	-	-	-	1	-	-	1
500 - 509. . .	-	-	-	-	1	-	-	-	1
510 - 519. . .	-	-	-	-	2	-	-	-	2
520 - 529. . .	-	-	-	-	4	1	-	-	5
530 - 539. . .	-	-	-	1	10	1	-	-	11
540 - 549. . .	-	-	1	1	-	-	-	-	1
550 - 559. . .	-	-	-	-	1	-	-	-	1
580 - 589. . .	-	-	-	-	-	1	-	-	1
590 - 599. . .	-	1	1	1	-	2	-	-	3
600 - 609. . .	-	-	-	-	2	-	-	-	2
610 - 619. . .	-	-	-	-	1	1	-	-	2
630 - 639. . .	-	-	-	-	-	1	-	-	1
640 - 649. . .	-	-	-	-	1	-	-	-	1
680 - 689. . .	-	-	-	-	-	1	-	-	1
720 - 729. . .	-	-	-	-	-	2	-	-	2
730 - 739. . .	-	-	-	-	-	1	-	-	1
750 - 759. . .	-	-	-	1	-	-	-	-	1
760 - 769. . .	-	-	-	-	-	1	-	-	1
790 - 799. . .	-	-	-	-	-	1	-		1
810 - 819. . .	-	-	-	-	-	1	-	-	1
830 - 839. . .	-	-	-	-	-	1	-	-	1
860 - 869. . .	-	-	-	-	-	1	-	-	1
TOTAL VESSELS.	714	551	1,419	1,152	3,968	5,076	330	61	12,830
TOTAL GROSS TONNAGE . . .	48,350	26,774	28,337	47,307	200,870	164,024	6,268	1,818	485,718

1/ INCLUDES SAILING VESSELS. 2/ INCLUDES 2 VESSELS WHICH OPERATED IN LAKE WINNEBAGO, 1 OF WHICH ALSO OPERATED IN THE GREAT LAKES.

AGE DISTRIBUTION OF U.S. VESSELS ENGAGED IN COMMERCIAL FISHING, 1872-1967

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1872.	-	1	-	-	-	-	-	-	1
1873.	-	1	1	-	-	-	-	-	1
1875.	-	1	1	-	-	-	-	-	1
1876.	-	2	-	-	-	-	-	-	2
1881.	-	1	-	-	-	-	-	-	1
1883.	-	1	1	-	-	-	-	-	2
1884.	1	1	1	-	-	-	-	-	3
1886.	-	1	1	-	-	-	-	-	2
1887.	1	3	-	-	-	1	-	-	5
1888.	-	[illegible]	-	-		1	-	-	3
1889.	-	-	-	-	1	-	-	-	1
1890.	-	-	1	-	-	-	-	-	1
1891.	-	-	2	-	1	-	-	-	3
1892.	-	1	1	-	-	-	-	-	2
1893.	-	2	[illegible]	-	1	1	-	-	6
1894.	1	-	-	-	-	1	-	-	2
1895.	-	1	-	-	-	-	-	-	1
1896.	-	-	3	1	-	-	-	-	4
1897.	-	-	1	1	-	-	-	-	1
1898.	-	-	-	1	1	-	-	-	2
1899.	-	-	-	1	-	-	-	-	1
1900.	-	-	3	1	2	1	-	-	6
1901.	-	6	7	1	3	1	-	-	18
1902.	2	3	2	-	-	1	-	-	8
1903.	2	4	2	1	4	4	-	-	17
1904.	1	2	4	-	2	1	1	-	11
1905.	-	4	5	-	8	2	-	-	19
1906.	1	6	5	-	5	2	-	-	19
1907.	2	3	2	-	1	10	1	-	19
1908.	-	-	3	-	-	10	-	-	13
1909.	-	5	5	-	3	11	-	-	24
1910.	1	4	4	-	-	12	-	-	21
1911.	1	4	6	3	4	21	1	-	39
1912.	-	2	8	-	5	39	-	-	54
1913.	-	5	9	1	1	37	1	-	54
1914.	4	1	6	-	2	37	1	-	51
1915.	1	1	5	1	4	47	-	-	59
1916.	-	3	3	1	2	27	1	-	37
1917.	8	7	5	2	5	92	-	-	110
1918.	6	4	7	1	6	75	-	-	93
1919.	-	5	3	1	11	48	-	-	58
1920.	1	3	[illegible]	1	5	78	-	-	96
1921.	3	2	3	4	2	23	1	-	38
1922.	2	3	[illegible]	3	4	18	-	-	37
1923.	3	4	14	7	9	19	1	-	57
1924.	10	11	12	5	21	45	1	-	105
1925.	13	5	10	7	16	64	1	-	113
1926.	11	5	13	4	12	81	5	1	131
1927.	7	7	13	14	12	103	3	1	154
1928.	16	10	14	3	21	125	22	4	194
1929.	13	6	10	5	24	93	4	2	155
1930.	12	13	10	17	14	73	5	2	140
1931.	9	6	11	9	16	41	4	-	95
1932.	7	2	9	6	7	21	3	-	55
1933.	5	2	8	5	10	16	5	-	50
1934.	7	2	20	8	11	29	9	1	87
1935.	3	2	19	10	21	66	11	1	132
1936.	13	10	24	15	39	58	17	1	174
1937.	15	8	18	13	51	59	15	1	176
1938.	11	9	21	12	52	74	12	2	186
1939.	17	6	19	12	30	104	6	1	193

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

AGE DISTRIBUTION OF U.S. VESSELS ENGAGED IN COMMERCIAL FISHING, 1872-1967 - Continued

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1940.	12	8	33	6	35	97	9	1	201
1941.	30	11	12	17	36	102	7	-	206
1942.	20	24	23	32	36	146	5	1	272
1943.	20	27	29	30	52	150	5	11	290
1944.	46	24	38	35	85	234	13	1	453
1945.	49	38	40	35	88	253	23	1	504
1946.	40	35	60	67	120	250	30	10	595
1947.	34	16	50	56	117	226	24	14	529
1948.	21	9	60	35	165	164	26	-	472
1949.	21	7	39	54	88	165	7	2	378
1950.	11	8	37	19	93	120	14	1	298
1951.	13	12	25	30	98	152	7	-	323
1952.	22	9	34	21	108	156	8	-	354
1953.	10	14	38	24	198	104	3	3	379
1954.	8	8	45	37	189	60	4	-	342
1955.	10	7	36	37	83	81	7	1	247
1956.	10	10	75	49	103	70	4	-	302
1957.	8	14	58	51	181	74	4	-	367
1958.	5	4	43	57	240	61	10	-	396
1959.	12	8	52	37	103	60	5	-	265
1960.	6	5	35	18	75	55	1	-	192
1961.	12	6	29	25	83	66	-	1	212
1962.	8	7	16	24	91	74	-	-	208
1963.	11	7	25	29	176	92	1	-	325
1964.	13	7	27	24	149	100	-	4	306
1965.	13	4	29	23	219	97	1	2	376
1966.	21	10	30	39	253	76	-	-	402
1967.	17	3	9	45	247	67	1	1	381
UNKNOWN	1	7	19	19	17	52	-	-	113
TOTAL	714	551	1,419	1,152	3,968	5,076	330	61	12,831

1/ INCLUDES SAILING VESSELS.

FISH POND PRODUCTION, 1967

Fish pond production data are not included in the U.S. catch tables in the General Review, Review of Certain Major Fisheries, or Mississippi River Fisheries sections.

In recent years the commercial culture of fish has become an increasingly important means of supplying fish for food, bait, and ornamental uses. The food fish are harvested as either adults or fingerlings. If harvested as adults, they are processed and sold to the consumer in the same way as those caught by commercial fishermen: if harvested as fingerlings, they may be used either to supply sportsfishermen with bait, or to stock ponds. In the ponds they are raised to adulthood for harvesting and subsequent sale to commercial fish markets.

Fish pond producers are now operating in approximately ten States in the Mississippi Delta. Statistics on the fish pond culture in three of these States are shown in the following table. Compared with 1966, the production in Arkansas (15.8 million pounds) increased 4.6 million and in Missouri (3 million pounds), 187,000 pounds. In South Dakota, however, the production of 203,000 pounds was slightly less than in 1966. These data were collected by agencies of the several States. When data from other States become available to the Bureau, they will be included in the tabulation.

FISH POND PRODUCTION, BY CERTAIN STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ARKANSAS		MISSOURI		SOUTH DAKOTA	
FOOD FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLACK BASS, CRAPPIE AND SUNFISH:						
ADULTS	300	300	38	12	-	-
FINGERLINGS	200	200	2	7	-	-
BLUEGILL, FINGERLINGS	-	-	(1)	3	-	-
BUFFALOFISH	1,400	210	-	-	-	-
BULLHEADS	-	-	(1)	(1)	-	-
CATFISH:						
ADULTS	9,032	4,029	1,990	400	-	-
FINGERLINGS	250	1,000	-	-	-	-
TROUT:						
RAINBOW	-	-	429	368	13	25
UNCLASSIFIED	260	260	-	-	-	-
UNCLASSIFIED FISH	150	3	-	-	-	-
CRAWFISH, FRESH-WATER	-	-	93	9	-	-
TOTAL FOOD FISH	11,592	6,036	2,561	799	13	25
BAIT AND ORNAMENTAL FISH						
CARP AND MINNOWS:						
FATHEAD MINNOWS	357	268	54	127	91	47
GOLDEN SHINERS	200	200	311	726	-	-
GOLDFISH	-	-	111	220	-	-
ISRAELI CARP	180	90	-	-	-	-
STONEROLLER	3,500	4,375	(1)	(1)	-	-
UNCLASSIFIED MINNOWS	-	-	7	16	-	-
SUCKERS	-	-	-	-	74	38
FROGS, UNCLASSIFIED	-	-	-	-	25	15
TOTAL BAIT AND ORNAMENTAL FISH	4,237	4,933	483	1,089	190	100
GRAND TOTAL	15,829	10,969	3,044	1,888	203	125

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. COD FISHERY

SUMMARY OF COD CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		OTTER TRAWLS		POUND NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	1,451	75	-	-
MASSACHUSETTS	-	-	34,259	2,868	4	(1)
RHODE ISLAND	-	-	1,176	86	-	-
CONNECTICUT	-	-	288	24	-	-
TOTAL	-	-	37,174	3,053	4	(1)
MIDDLE ATLANTIC:						
NEW YORK	2	(1)	250	34	-	-
NEW JERSEY	-	-	35	5	-	-
TOTAL	2	(1)	285	39	-	-
CHESAPEAKE:						
MARYLAND	-	-	21	2	-	-
VIRGINIA	-	-	(1)	(1)	-	-
TOTAL	-	-	21	2	-	-
PACIFIC:						
WASHINGTON	-	-	8,701	460	-	-
OREGON	-	-	453	22	-	-
TOTAL	-	-	9,154	482	-	-
GRAND TOTAL	2	(1)	46,634	3,576	4	(1)

AREA AND STATE	FLOATING TRAPS		GILL NETS		LINES	
					HAND	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	1,296	83	531	20
NEW HAMPSHIRE	-	-	-	-	42	4
MASSACHUSETTS	4	(1)	515	40	1,597	99
RHODE ISLAND	112	11	-	-	30	2
CONNECTICUT	-	-	(1)	(1)	19	2
TOTAL	116	11	1,811	123	2,219	127
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	107	15
NEW JERSEY	-	-	(1)	(1)	1	(1)
TOTAL	-	-	(1)	(1)	108	15
GRAND TOTAL	116	11	1,811	123	2,327	142

AREA AND STATE	LINES - CONTINUED				TOTAL	
	TROLL		LONG OR SET WITH HOOKS			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	218	10	3,496	188
NEW HAMPSHIRE	-	-	28	2	70	6
MASSACHUSETTS	-	-	2,295	179	38,674	3,186
RHODE ISLAND	-	-	5	1	1,323	100
CONNECTICUT	-	-	-	-	307	26
TOTAL	-	-	2,546	192	43,870	3,506
MIDDLE ATLANTIC:						
NEW YORK	-	-	98	14	457	63
NEW JERSEY	-	-	16	2	52	7
TOTAL	-	-	114	16	509	70
CHESAPEAKE:						
MARYLAND	-	-	-	-	21	2
VIRGINIA	-	-	-	-	(1)	(1)
TOTAL	-	-	-	-	21	2
PACIFIC:						
WASHINGTON	1	(1)	-	-	8,702	460
OREGON	-	-	-	-	453	22
TOTAL	1	(1)	-	-	9,155	482
GRAND TOTAL	1	(1)	2,660	208	53,555	4,060

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

ATLANTIC COAST HADDOCK FISHERY, 1967

The catch of haddock was 98.5 million pounds worth $11.1 million--33.8 million pounds (26 percent) less than in the previous year. The harvest was the smallest since 1921. Four successive poor year classes contributed to the production decline, and it appeared that the fishery would be dependent upon older stock for several years.

Landings of 95.8 million pounds at Massachusetts ports (comprising 97 percent of the total production) declined 34.3 million pounds compared with 1966. The catch by otter trawls accounted for 97 percent of the landings, and gill nets, lines, and dredges, the remaining 3 percent.

About 88 percent of the catch was taken off New England--chiefly on East and West Side South Channel. Waters off Nova Scotia yielded most of the remaining 12 percent.

HADDOCK

SUMMARY OF HADDOCK CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		GILL NETS		LINES	
					HAND	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	2,288	209	13	1	12	1
MASSACHUSETTS	93,374	10,552	133	15	173	18
RHODE ISLAND.	187	16	-	-	-	-
TOTAL	95,849	10,777	146	16	185	19
MIDDLE ATLANTIC:						
NEW YORK.	26	2	-	-	-	-
NEW JERSEY.	(1)	(1)	-	-	-	-
TOTAL	26	2	-	-	-	-
GRAND TOTAL	95,875	10,779	146	16	185	19

AREA AND STATE	LINES - CONTINUED		DREDGES		TOTAL	
	LONG OR SET WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	38	4	-	-	2,351	215
NEW HAMPSHIRE	60	6	-	-	60	6
MASSACHUSETTS	2,159	270	1	(1)	95,840	10,855
RHODE ISLAND.	-	-	-	-	187	16
TOTAL	2,257	280	1	(1)	98,438	11,092
MIDDLE ATLANTIC:						
NEW YORK.	-	-	-	-	26	2
NEW JERSEY.	-	-	-	-	(1)	(1)
TOTAL	-	-	-	-	26	2
GRAND TOTAL	2,257	280	1	(1)	98,464	11,094

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST HALIBUT FISHERY, 1967

Halibut landings by the combined United States and Canadian fleets were 55.5 million pounds (landed weight)--6.8 million pounds less than in the previous year. U.S. fishermen landed 29.9 million pounds (54 percent of the total) and received $6.4 million for their catch--$3.3 million less than in 1966. The U.S. fleet operating out of Pacific coast ports numbered 253 vessels, a decline of 38 vessels compared with a year ago. The 25.6-million-pound landings made by Canadian fishermen declined 6.4 million pounds compared with 1966.

In 1967, the International Pacific Halibut Commission closed most of the Pacific halibut areas early (October 15). At that time the catch had reached 52.2 million pounds--about 15 percent less than for the comparable period of the previous year. When the few remaining open areas closed at the end of the season, November 15, the total catch of 55.5 million pounds was about 11 percent less than the quota set by the Commission. It was the first time in a number of years that the halibut fleet had not taken enough fish to fill the quota.

Data on the landings of halibut in the following tables represent the dressed weight of the fish, i.e., the weight by which the quota is determined. The dressed weight of halibut can be converted to round weight by multiplying by 1.33. Halibut landed in Canada by vessels of U.S. registry are credited to Alaska.

SUMMARY OF U.S. HALIBUT FLEET OPERATING UNITS, 1967

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER.	76	227	253
GROSS TONNAGE	3,581	7,378	8,322
CREW.	421	910	1,033
SKATES OF LINES	3,258	7,242	8,039
REGULAR HALIBUT BOATS:			
NUMBER.	-	18	18
CREW.	-	30	30
SKATES OF LINES	-	110	110
BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT 1/:			
NUMBER.	-	330	30
CREW.	-	45	45
SKATES OF LINES	-	150	150

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.

NOTE:--U.S. VESSELS LANDING HALIBUT AT PRINCE RUPERT, B.C., HAVE BEEN INCLUDED WITH THOSE LANDING IN ALASKA.

CATCH BY U.S. HALIBUT FLEET, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LANDED IN			
	WASHINGTON AND OREGON		BRITISH COLUMBIA	
	QUANTITY	VALUE	QUANTITY	VALUE
HALIBUT	9,490	2,401	332	74
SABLEFISH	521	94	3	1
LINGCOD	11	1	-	-
ROCKFISH.	46	3	-	-
TOTAL	10,068	2,499	335	75

SPECIES	LANDED IN - CONTINUED		TOTAL	
	ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE
HALIBUT	20,086	3,937	29,908	6,412
SABLEFISH	1,460	202	1,984	297
LINGCOD	12	2	23	3
ROCKFISH.	10	1	56	4
TOTAL	21,568	4,142	31,971	[illegible],716

NOTE:--IN ADDITION THERE WERE APPROXIMATELY 40,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS". THE QUANTITIES SHOWN ABOVE REPRESENT DRESSED WEIGHT OF FISH. TO CONVERT TO ROUND WEIGHT, MULTIPLY THE WEIGHT OF HALIBUT BY 1.33 AND OTHER SPECIES BY 1.43.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1967

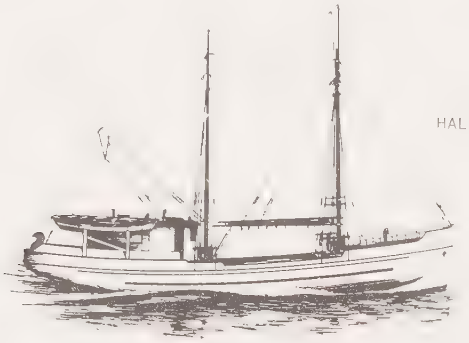
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNITED STATES FLEET 1/. . .	9,490	2,401	332	74	20,086	3,937	29,908	6,412
BRITISH COLUMBIA FLEET. . .	1,064	269	18,982	2/4,890	5,527	1,056	25,573	6,215
TOTAL	10,554	2,670	19,314	4,964	25,613	4,993	55,481	12,627

1/ IN ADDITION THERE WERE APPROXIMATELY 40,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".

2/ CANADIAN FUNDS.

NOTE:--HALIBUT STATISTICS IN THESE TABLES WERE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL PACIFIC HALIBUT COMMISSION. STATISTICS FOR OTHER SPECIES WERE FURNISHED BY THE STATES.



HALIBUT SCHOONER

ATLANTIC OCEAN PERCH FISHERY, 1967

The catch of Atlantic ocean perch was 71.4 million pounds worth $2.8 million--a decline of 10.1 million pounds and $626,000 compared with the previous year. The production was the smallest since 1938, and far below the record 258.3 million pounds taken in 1951.

Maine landings of 62.2 million pounds worth $2.4 million were 87 percent of the volume and 86 percent of the value. Massachusetts accounted for the remainder with 9.2 million pounds worth $391,000. A negligible quantity was taken in Rhode Island. Fishermen took most of the catch with otter trawls. Line trawls and handlines accounted for less than 30,000 pounds.

Of the total catch, 34.1 million pounds (48 percent) were taken in the Gulf of St. Lawrence. Waters off New England accounted for 22.8 million pounds (32 percent) and off Nova Scotia, 14.2 million pounds (20 percent). The Grand Bank yielded about 300,000 pounds--less than 1 percent of the total.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST SALMON FISHERY, 1967

The commercial catch of salmon in the Pacific Coast States was 216.7 million pounds worth $48.5 million--a decline of 170.8 million pounds (44 percent) and $24.9 million (34 percent) compared with the previous year. The catch was one of the smallest on record. The Alaska production and value declined sharply from 333.3 million pounds worth $54.2 million in 1966 to 138.5 million pounds worth $24.6 million in 1967. All species in Alaska except chinook declined in both volume and value of landings. Chinook landings of 11.7 million pounds were 2.3 million more than a year earlier. The Washington harvest of 53.4 million pounds valued at $14 million was 21 million pounds and $3.5 million greater than in 1966. Oregon landings of 17.4 million pounds increased 40 percent and the value ($6 million), 50 percent compared with the previous year. In California, however, landings of 7.4 million pounds were 22 percent less and the value ($3.9 million), 19 percent less than a year ago.

Gill nets accounted for 89.7 million pounds (41 percent) and purse seines, 87.5 million pounds (40 percent) of the total catch. Lines were third with 37.6 million pounds (17 percent). The remainder was taken by reef nets, haul seines, dip nets, pound nets, floating traps, wheels, and and otter trawls.

SUMMARY OF PACIFIC COAST SALMON PURSE SEINE OPERATING UNITS, 1967

ITEM	ALASKA 1/	WASHINGTON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS.	4,317	2,309	5,499
ON BOATS AND SHORE. . . .	1,087	10	1,097
TOTAL	5,404	2,319	6,596
VESSELS, MOTOR:			
5 - 9 TONS.	88	2	90
10 - 19 TONS.	287	22	300
20 - 29 TONS.	130	70	156
30 - 39 TONS.	101	97	133
40 - 49 TONS.	88	106	135
50 - 59 TONS.	27	35	45
60 - 69 TONS.	1	5	5
70 - 79 TONS.	-	3	3
80 - 89 TONS.	1	1	1
100 - 109 TONS.	-	1	1
110 - 119 TONS.	-	1	1
290 - 299 TONS.	1	-	1
TOTAL VESSELS	724	343	871
TOTAL GROSS TONNAGE .	17,040	12,874	22,742
BOATS, MOTOR.	1,448	347	1,745
GEAR:			
NUMBER.	1,073	345	1,222
LENGTH, YARDS	445,200	184,900	553,200

1/ INCLUDES SOME HAUL SEINES.

NOTE:--PURSE SEINE OPERATING UNITS WERE CONFINED TO ALASKA AND WASHINGTON.

SUMMARY OF PACIFIC COAST SALMON GILL NET OPERATING UNITS, 1967

ITEM	ANCHOR, SET OR STAKE			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	38	-	-	38
ON BOATS AND SHORE. . . .	2,063	330	110	2,503
TOTAL	2,101	330	110	2,541
VESSELS, MOTOR:				
5 - 9 TONS.	6	-	-	6
10 - 19 TONS.	10	-	-	10
20 - 29 TONS.	1	-	-	1
40 - 49 TONS.	2	-	-	2
TOTAL VESSELS	19	-	-	19
TOTAL GROSS TONNAGE .	291	-	-	291
BOATS:				
MOTOR	1,911	265	90	2,266
OTHER	-	40	10	50
GEAR:				
NUMBER.	1,890	305	100	2,295
SQUARE YARDS.	1,303,000	79,500	35,000	1,417,500

ITEM	DRIFT			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	812	363	2	1,111
ON BOATS AND SHORE. . . .	4,507	1,127	625	6,234
TOTAL	5,319	1,490	627	7,345
VESSELS, MOTOR:				
5 - 9 TONS.	233	131	-	361
10 - 19 TONS.	163	140	2	253
20 - 29 TONS.	7	9	-	16
30 - 39 TONS.	2	1	-	3
40 - 49 TONS.	1	-	-	1
60 - 69 TONS.	-	1	-	1
TOTAL VESSELS	406	282	2	635
TOTAL GROSS TONNAGE .	4,048	3,059	23	6,530
BOATS:				
MOTOR	3,232	1,018	568	4,793
OTHER	-	14	-	14
GEAR:				
NUMBER.	3,965	1,313	570	5,774
SQUARE YARDS.	3,992,000	6,800,750	1,740,000	12,383,750

SUMMARY OF PACIFIC COAST SALMON TROLL LINE OPERATING UNITS, 1967

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,128	967	1,324	2,896	5,072
ON BOATS AND SHORE. . . .	1,189	1,510	878	1,924	5,426
TOTAL	2,317	2,477	2,202	4,820	10,498
VESSELS, MOTOR:					
5 - 9 TONS.	158	160	123	142	492
10 - 19 TONS.	284	340	362	577	1,222
20 - 29 TONS.	79	88	127	197	347
30 - 39 TONS.	21	25	42	86	128
40 - 49 TONS.	14	5	10	44	63
50 - 59 TONS.	2	1	7	21	26
60 - 69 TONS.	-	-	1	3	4
70 - 79 TONS.	1	-	1	3	4
80 - 89 TONS.	1	-	1	1	2
100 - 109 TONS.	-	-	-	2	2
110 - 119 TONS.	2	-	-	-	2
120 - 129 TONS.	2	-	-	-	2
130 - 139 TONS.	-	-	-	1	1
140 - 149 TONS.	-	-	-	1	1
160 - 169 TONS.	-	-	-	1	1
TOTAL VESSELS	564	619	674	1,079	2,297
TOTAL GROSS TONNAGE .	8,967	9,149	11,459	20,786	38,972
BOATS, MOTOR.	849	1,262	782	962	3,789
GEAR:					
NUMBER.	5,644	8,158	6,764	12,234	29,088
HOOKS	34,264	35,218	31,000	48,[illegible]	135,116

SALMON CATCH BY DISTRICT AND GEAR, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	137	25	70	16
CHUM OR KETA.	14,833	1,380	6,396	550
PINK.	12,635	1,428	14,049	1,482
RED OR SOCKEYE.	3,786	984	5,563	1,252
SILVER OR COHO.	1,701	221	355	55
TOTAL	33,092	4,038	26,433	3,355
FLOATING TRAPS:				
CHUM OR KETA.	3	(1)	-	-
PINK.	31	4	-	-
RED OR SOCKEYE.	20	5	-	-
SILVER OR COHO.	3	(1)	-	-
TOTAL	57	9	-	-
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	12	4	165	50
CHUM OR KETA.	76	14	760	68
PINK.	150	26	412	46
RED OR SOCKEYE.	587	206	3,633	933
SILVER OR COHO.	893	250	907	135
TOTAL	1,718	500	5,877	1,232
DRIFT:				
CHINOOK OR KING	248	75	292	68
CHUM OR KETA.	2,400	461	2,459	215
PINK.	926	174	218	23
RED OR SOCKEYE.	1,727	625	9,583	2,530
SILVER OR COHO.	1,206	343	2,547	425
TOTAL	6,507	1,678	15,099	3,261

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
LINES:				
CHINOOK OR KING	4,148	1,745	21	5
CHUM OR KETA	68	13	1	(1)
PINK	258	46	6	1
RED OR SOCKEYE	1	(1)	2	(1)
SILVER OR COHO	3,993	1,738	201	34
TOTAL	8,468	3,542	231	40
GRAND TOTAL	49,842	9,767	47,640	7,888

GEAR AND SPECIES	ALASKA - CONTINUED			
	WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	(1)	(1)	207	41
CHUM OR KETA	145	10	21,374	1,940
PINK	27	3	26,711	2,913
RED OR SOCKEYE	73	13	9,422	2,249
SILVER OR COHO	17	2	2,073	278
TOTAL	262	28	59,787	7,421
FLOATING TRAPS:				
CHUM OR KETA	-	-	3	(1)
PINK	-	-	31	4
RED OR SOCKEYE	-	-	20	5
SILVER OR COHO	-	-	3	(1)
TOTAL	-	-	57	9
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	2,467	431	2,644	485
CHUM OR KETA	1,033	80	1,869	162
PINK	106	8	668	80
RED OR SOCKEYE	3,079	573	7,299	1,712
SILVER OR COHO	343	38	2,143	423
TOTAL	7,028	1,130	14,623	2,862
DRIFT:				
CHINOOK OR KING	4,051	677	4,591	820
CHUM OR KETA	3,344	292	8,203	968
PINK	4	(1)	1,148	197
RED OR SOCKEYE	25,468	4,743	36,778	7,898
SILVER OR COHO	856	102	4,609	870
TOTAL	33,723	5,814	55,329	10,753
LINES:				
CHINOOK OR KING	-	-	4,169	1,750
CHUM OR KETA	-	-	69	13
PINK	-	-	264	47
RED OR SOCKEYE	-	-	3	(1)
SILVER OR COHO	-	-	4,194	1,772
TOTAL	-	-	8,699	3,582
WHEELS:				
CHINOOK OR KING	22	4	22	4
CHUM OR KETA	(1)	(1)	(1)	(1)
TOTAL	22	4	22	4
GRAND TOTAL	41,035	6,976	138,517	24,631

GEAR AND SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:				
CHINOOK OR KING	70	30	-	-
CHUM OR KETA	19	6	-	-
PINK	141	17	-	-
SILVER OR COHO	24	7	-	-
TOTAL	254	60	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	875	364	-	-
CHUM OR KETA	1,268	389	-	-
PINK	16,892	2,120	-	-
RED OR SOCKEYE	8,001	2,645	-	-
SILVER OR COHO	671	218	1	(1)
TOTAL	27,707	5,736	1	(1)
POUND NETS:				
CHINOOK OR KING	20	9	-	-
CHUM OR KETA	1	(1)	-	-
PINK	33	4	-	-
RED OR SOCKEYE	4	1	-	-
SILVER OR COHO	32	10	-	-
TOTAL	90	24	-	-
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	281	116	234	69
CHUM OR KETA	530	91	15	3
PINK	168	23	-	-
RED OR SOCKEYE	2	1	137	61
SILVER OR COHO	215	67	259	87
TOTAL	1,196	298	645	220
DRIFT:				
CHINOOK OR KING	504	222	488	188
CHUM OR KETA	871	262	223	39
PINK	1,809	269	-	-
RED OR SOCKEYE	3,530	1,242	-	-
SILVER OR COHO	1,045	357	415	138
TOTAL	7,759	2,352	1,126	365
LINES:				
CHINOOK OR KING	249	133	1,214	617
CHUM OR KETA	2	(1)	1	(1)
PINK	791	139	1,135	177
RED OR SOCKEYE	1	(1)	(1)	(1)
SILVER OR COHO	1,565	623	3,343	1,270
TOTAL	2,608	895	5,693	2,064
REEF NETS:				
CHINOOK OR KING	25	10	-	-
CHUM OR KETA	1	(1)	-	-
PINK	641	80	-	-
RED OR SOCKEYE	592	196	-	-
SILVER OR COHO	22	7	-	-
TOTAL	1,281	293	-	-
GRAND TOTAL	40,895	9,658	7,465	2,649

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:				
CHINOOK OR KING	-	-	70	30
CHUM OR KETA	-	-	19	6
PINK	-	-	141	17
SILVER OR COHO	-	-	24	7
TOTAL	-	-	254	60
PURSE SEINES:				
CHINOOK OR KING	-	-	875	364
CHUM OR KETA	-	-	1,268	389
PINK	-	-	16,892	2,120
RED OR SOCKEYE	-	-	8,001	2,645
SILVER OR COHO	-	-	672	218
TOTAL	-	-	27,708	5,736
POUND NETS:				
CHINOOK OR KING	-	-	20	9
CHUM OR KETA	-	-	1	(1)
PINK	-	-	33	4
RED OR SOCKEYE	-	-	4	1
SILVER OR COHO	-	-	32	10
TOTAL	-	-	90	24

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	708	168	1,223	353
CHUM OR KETA.	-	-	545	94
PINK.	-	-	168	23
RED OR SOCKEYE.	93	34	232	96
SILVER OR COHO.	77	14	551	168
TOTAL	878	216	2,719	734
DRIFT:				
CHINOOK OR KING	942	325	1,934	735
CHUM OR KETA.	2	(1)	1,096	301
PINK.	-	-	1,809	269
RED OR SOCKEYE.	14	5	3,544	1,247
SILVER OR COHO.	676	178	2,136	673
TOTAL	1,634	508	10,519	3,225
LINES:				
CHINOOK OR KING	266	127	1,729	877
CHUM OR KETA.	-	-	3	(1)
PINK.	54	8	1,980	324
RED OR SOCKEYE.	-	-	1	(1)
SILVER OR COHO.	2,085	796	6,993	2,689
TOTAL	2,405	931	10,706	3,890
DIP NETS:				
CHINOOK OR KING	65	22	65	22
SILVER OR COHO.	32	6	32	6
TOTAL	97	28	97	28
REEF NETS:				
CHINOOK OR KING	-	-	25	10
CHUM OR KETA.	-	-	1	(1)
PINK.	-	-	641	80
RED OR SOCKEYE.	-	-	592	196
SILVER OR COHO.	-	-	22	7
TOTAL	-	-	1,281	293
GRAND TOTAL	5,014	1,683	53,374	13,990

GEAR AND SPECIES	OREGON			
	COLUMBIA RIVER		OREGON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS:				
CHINOOK OR KING	3,346	1,115	-	-
CHUM OR KETA.	8	1	-	-
RED OR SOCKEYE.	117	44	-	-
SILVER OR COHO.	3,068	769	-	-
TOTAL	6,539	1,929	-	-
LINES:				
CHINOOK OR KING	206	98	1,078	549
PINK.	119	21	1,116	179
SILVER OR COHO.	1,355	527	6,931	2,658
TOTAL	1,680	646	9,125	3,386
DIP NETS:				
CHINOOK OR KING	25	6	-	-
SILVER OR COHO.	2	(1)	-	-
TOTAL	27	6	-	-
GRAND TOTAL	8,246	2,581	9,125	3,386

GEAR AND SPECIES	OREGON - CONTINUED		CALIFORNIA	
	TOTAL		NORTHERN	
	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS, CHINOOK OR KING	-	-	2	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	OREGON - CONTINUED		CALIFORNIA	
	TOTAL		NORTHERN	
	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS:				
CHINOOK OR KING	3,346	1,115	-	-
CHUM OR KETA.	8	1	-	-
RED OR SOCKEYE.	117	44	-	-
SILVER OR COHO.	3,068	769	-	-
TOTAL	6,539	1,929	-	-
LINES:				
CHINOOK OR KING	1,284	647	2,856	1,672
PINK.	1,235	200	-	-
SILVER OR COHO.	8,286	3,185	2,430	1,127
TOTAL	10,805	4,032	5,286	2,799
DIP NETS:				
CHINOOK OR KING	25	6	-	-
SILVER OR COHO.	2	(1)	-	-
TOTAL	27	6	-	-
GRAND TOTAL	17,371	5,967	5,288	2,800

GEAR AND SPECIES	CALIFORNIA - CONTINUED			
	SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS, CHINOOK OR KING	-	-	1	(1)
LINES:				
CHINOOK OR KING	876	529	149	87
SILVER OR COHO.	886	432	93	43
TOTAL	1,762	961	242	130
GRAND TOTAL	1,762	961	243	130

GEAR AND SPECIES	CALIFORNIA - CONTINUED			
	SANTA BARBARA		SAN PEDRO	
	QUANTITY	VALUE	QUANTITY	VALUE
LINES:				
CHINOOK OR KING	67	36	(1	(1)
SILVER OR COHO.	41	17	(1)	(1)
TOTAL	108	53	(1)	(1)
GRAND TOTAL	108	53	(1)	(1)

GEAR AND SPECIES	CALIFORNIA - CONTINUED			
	SAN DIEGO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS, CHINOOK OR KING	-	-	3	1
LINES:				
CHINOOK OR KING	1	1	3,949	2,325
SILVER OR COHO.	(1)	(1)	3,450	1,619
TOTAL	1	1	7,399	3,944
GRAND TOTAL	1	1	7,402	3,945

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--IN ALASKA, THE CATCH TAKEN BY HAUL SEINES IS INCLUDED WITH PURSE SEINES.

SUMMARY OF SALMON CATCH BY DISTRICT, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA					
	SOUTHEASTERN		CENTRAL		WESTERN	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	4,545	1,849	548	139	6,540	1,112
CHUM OR KETA.	17,380	1,868	9,616	833	4,522	382
PINK.	14,000	1,678	14,685	1,552	137	11
RED OR SOCKEYE.	6,121	1,820	18,781	4,715	28,620	5,329
SILVER OR COHO.	7,796	2,552	4,010	649	1,216	142
TOTAL	49,842	9,767	47,640	7,888	41,035	6,976

SPECIES	ALASKA - CONTINUED		WASHINGTON			
	TOTAL		PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	11,633	3,100	2,024	884	1,936	874
CHUM OR KETA.	31,518	3,083	2,692	748	239	42
PINK.	28,822	3,241	20,475	2,652	1,135	177
RED OR SOCKEYE.	53,522	11,864	12,130	4,085	137	61
SILVER OR COHO.	13,022	3,343	3,574	1,289	4,018	1,495
TOTAL	138,517	24,631	40,895	9,658	7,465	2,649

SPECIES	WASHINGTON - CONTINUED				OREGON	
	COLUMBIA RIVER		TOTAL		COLUMBIA RIVER	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	1,981	642	5,941	2,400	3,577	1,219
CHUM OR KETA.	2	(1)	2,933	790	8	1
PINK.	54	8	21,664	2,837	119	21
RED OR SOCKEYE.	107	39	12,374	4,185	117	44
SILVER OR COHO.	2,870	994	10,462	3,778	4,425	1,296
TOTAL	5,014	1,683	53,374	13,990	8,246	2,581

SPECIES	OREGON - CONTINUED				CALIFORNIA	
	OREGON COAST		TOTAL		NORTHERN	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	1,078	549	4,655	1,768	2,858	1,673
CHUM OR KETA.	-	-	8	1	-	-
PINK.	1,116	179	1,235	200	-	-
RED OR SOCKEYE.	-	-	117	44	-	-
SILVER OR COHO.	6,931	2,658	11,356	3,954	2,430	1,127
TOTAL	9,125	3,386	17,371	5,967	5,288	2,800

SPECIES	CALIFORNIA - CONTINUED					
	SAN FRANCISCO		MONTEREY		SANTA BARBARA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	876	529	150	87	67	36
SILVER OR COHO.	886	432	93	43	41	17
TOTAL	1,762	961	243	130	108	53

SPECIES	CALIFORNIA - CONTINUED					
	SAN PEDRO		SAN DIEGO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	(1)	(1)	1	1	3,952	2,326
SILVER OR COHO.	(1)	(1)	(1)	(1)	3,450	1,619
TOTAL	(1)	(1)	1	1	7,402	3,945

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF SALMON CATCH BY GEAR, 1967

(THOUSANDS OF POUNDS)

STATE AND DISTRICT	HAUL SEINES	PURSE SEINES	OTTER TRAWLS	POUND NETS	FLOATING TRAPS	GILL NETS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:						
SOUTHEASTERN	(1)	33,092	-	-	57	8,225
CENTRAL	(1)	26,433	-	-	-	20,976
WESTERN	(1)	262	-	-	-	40,751
TOTAL	(1)	59,787	-	-	57	69,952
WASHINGTON:						
PUGET SOUND	254	27,707	-	90	-	8,955
WASHINGTON COAST	-	1	-	-	-	1,771
COLUMBIA RIVER	-	-	-	-	-	2,512
TOTAL	254	27,708	-	90	-	13,238
OREGON, COLUMBIA RIVER	-	-	-	-	-	6,539
CALIFORNIA:						
NORTHERN	-	-	2	-	-	-
MONTEREY	-	-	1	-	-	-
TOTAL	-	-	3	-	-	-
GRAND TOTAL	254	87,495	3	90	57	89,729

STATE AND DISTRICT	LINES	DIP NETS	REEF NETS	WHEELS	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:					
SOUTHEASTERN	8,468	-	-	-	49,842
CENTRAL	231	-	-	-	47,640
WESTERN	-	-	-	22	41,035
TOTAL	8,699	-	-	22	138,517
WASHINGTON:					
PUGET SOUND	2,608	-	1,281	-	40,895
WASHINGTON COAST	5,693	-	-	-	7,465
COLUMBIA RIVER	2,405	97	-	-	5,014
TOTAL	10,706	97	1,281	-	53,374
OREGON:					
COLUMBIA RIVER	1,680	27	-	-	8,246
OREGON COAST	9,125	-	-	-	9,125
TOTAL	10,805	27	-	-	17,371
CALIFORNIA:					
NORTHERN	5,286	-	-	-	5,288
SAN FRANCISCO	1,762	-	-	-	1,762
MONTEREY	242	-	-	-	243
SANTA BARBARA	108	-	-	-	108
SAN PEDRO	(2)	-	-	-	(2)
SAN DIEGO	1	-	-	-	1
TOTAL	7,399	-	-	-	7,402
GRAND TOTAL	37,609	124	1,281	22	216,664

1/ INCLUDED WITH PURSE SEINES.

2/ LESS THAN 500 POUNDS.

SUMMARY OF SALMON CATCH BY SPECIES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
CHINOOK OR KING	26,181	9,594
CHUM OR KETA	34,459	3,874
PINK	51,721	6,278
RED OR SOCKEYE	66,013	16,093
SILVER OR COHO	38,290	12,694
TOTAL	216,664	48,533

REVIEW OF CERTAIN MAJOR FISHERIES

MACKEREL FISHERIES OF THE PACIFIC COAST, 1967

Landings of jack mackerel, 38.4 million pounds, and Pacific mackerel, 1.2 million pounds declined 2.7 million pounds (7 percent) and 3.5 million pounds (75 percent), respectively, compared with the previous year. The combined mackerel landings of 39.6 million pounds worth $1.6 million were 14 percent less in volume and 6 percent less in value than in 1966. Jack mackerel production was the smallest since 1959 and Pacific mackerel, since 1926. Purse seines and lampara nets are the principal gears used in the mackerel fishery.

SUMMARY OF JACK MACKEREL CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	HAUL SEINES		PURSE SEINES AND LAMPARA NETS		GILL AND TRAMMEL NETS		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:								
NORTHERN.	-	-	(2)	(2)	-	-	(2)	(2)
SAN FRANCISCO	-	-	(2)	(2)	-	-	-	-
MONTEREY.	-	-	933	36	-	-	1	(2)
SANTA BARBARA	-	-	4,016	150	-	-	15	1
SAN PEDRO	-	-	33,177	1,258	(2)	(2)	-	-
TOTAL	-	-	38,126	1,444	(2)	(2)	16	1
HAWAII.	(2)	(2)	-	-	-	-	-	-
GRAND TOTAL	(2)	(2)	38,126	1,444	(2)	(2)	16	1

STATE AND DISTRICT	LINES		DIP, BRAIL OR SCOOP NETS 1/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
NORTHERN.	(2)	(2)	-	-	(2)	(2)
SAN FRANCISCO	-	-	-	-	(2)	(2)
MONTEREY.	2	(2)	-	-	935	37
SANTA BARBARA	-	-	-	-	4,032	150
SAN PEDRO	2	(2)	47	2	33,227	1,260
SAN DIEGO						
TOTAL	4	(2)	47	2	38,194	1,447
HAWAII.	119	51	92	35	211	86
GRAND TOTAL	123	51	139	37	38,405	1,533

1/ INCLUDES THE LANDINGS BY LIFT NETS IN HAWAII.

2/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF PACIFIC MACKEREL CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		GILL AND TRAMMEL NETS		LINES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
SANTA BARBARA	7	(1)	-	-	-	-
SAN PEDRO	942	59	4	(1)	15	1
SAN DIEGO	17	1	1	(1)	6	1
TOTAL	966	60	[illegible]	(1)	21	2

STATE AND DISTRICT	DIP, BRAIL OR SCOOP NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:				
SANTA BARBARA	-	-	7	(1)
SAN PEDRO	175	11	1,136	71
SAN DIEGO	-	-	24	2
TOTAL	175	11	1,167	73

1/ LESS THAN $500.

REVIEW OF CERTAIN MAJOR FISHERIES

ATLANTIC COAST TUNA FISHERY, 1967

The catch of tuna along the Atlantic Coast was 4.4 million pounds worth $343,000--a gain of 1.7 million pounds and $65,000 compared with the previous year. Landings of bluefin tuna in New Jersey (2.9 million pounds) were 460 percent greater than in 1966, and accounted largely for the increase. Bluefin was 98 percent of the total tuna production.

There were 87 fishermen operating 8 purse seine vessels, 9 motor boats, and 5 other boats landing tuna at ports in the New England, Middle Atlantic, and Chesapeake States. Purse seines took 87 percent of the catch; pound nets, 7 percent; and harpoons and handlines, 3 percent each. A negligible amount was taken with gill nets and floating traps.

BLUEFIN TUNA

ATLANTIC COAST TUNA PURSE SEINE OPERATING UNITS, 1967

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON VESSELS . . .	65	42	12	87
VESSELS, MOTOR:				
60 - 69 TONS.	1	-	-	1
70 - 79 TONS.	1	-	-	1
110 - 119 TONS.	2	2	-	2
140 - 149 TONS.	-	1	-	1
150 - 159 TONS.	1	1	-	1
470 - 479 TONS.	1	-	-	1
480 - 489 TONS.	-	-	1	1
TOTAL VESSELS	6	4	1	8
TOTAL GROSS TONNAGE .	1,006	530	481	1,633
BOATS:				
MOTOR	6	4	2	9
OTHER	5	-	-	5
GEAR:				
NUMBER.	6	4	1	8
LENGTH, YARDS	3,900	2,900	960	5,560

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF ATLANTIC COAST TUNA CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES AND STATE	PURSE SEINES		POUND NETS		FLOATING TRAPS		GILL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:								
MASSACHUSETTS	580	47	302	12	1	(1)	-	-
RHODE ISLAND.	-	-	-	-	3	1	-	-
NEW YORK.	-	-	1	(1)	-	-	-	-
NEW JERSEY.	2,874	215	-	-	-	-	10	1
MARYLAND.	299	35	-	-	-	-	-	-
TOTAL BLUEFIN	3,753	297	303	12	4	1	10	1
LITTLE:								
NEW YORK.	-	-	14	1	-	-	(1)	(1)
NEW JERSEY.	-	-	-	-	-	-	1	(1)
TOTAL LITTLE.	-	-	14	1	-	-	1	(1)
SKIPJACK, MASSACHUSETTS . .	36	4	-	-	-	-	-	-
GRAND TOTAL	3,789	301	317	13	4	1	11	1

SPECIES AND STATE	LINES		HARPOONS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:						
MAINE	1	(1)	47	5	48	5
NEW HAMPSHIRE	-	-	8	1	8	1
MASSACHUSETTS	52	4	61	5	996	68
RHODE ISLAND.	3	(1)	-	-	6	1
NEW YORK.	2	1	-	-	3	1
NEW JERSEY.	32	5	-	-	2,916	221
MARYLAND.	-	-	-	-	299	35
TOTAL BLUEFIN	90	10	116	11	4,276	332
LITTLE:						
NEW YORK.	-	-	-	-	14	1
NEW JERSEY.	-	-	-	-	1	(1)
TOTAL LITTLE.	-	-	-	-	15	1
SKIPJACK, MASSACHUSETTS . .	-	-	-	-	36	4
UNCLASSIFIED, VIRGINIA. . .	23	6	-	-	23	6
GRAND TOTAL	113	16	116	11	4,350	343

1/ LESS THAN 500 POUNDS OR $500.

PACIFIC TUNA FISHERY, 1967

The domestic catch of tuna landed at Pacific coast and Hawaii ports was 324 million pounds worth $43.8 million--a gain of 57.5 million pounds but a decline of $721,000 compared with the previous year. Increased landings of albacore, skipjack, and yellowfin accounted for the greater volume. Albacore landings of 48.4 million pounds were 11.4 million more than in 1966. A record 29.2 million pounds landed in Oregon accounted for 60 percent of the albacore production. Compared with 1966, skipjack landings of 119.2 million pounds increased 58.7 million (97 percent) and yellowfin landings, 142 million pounds, increased 8.9 million (7 percent). Bluefin was the only species that declined in volume--landings of 14.4 million pounds were 60 percent less than in the previous year.

The yellowfin fishery season ended June 24, 1967, in accordance with the recommendation of the Inter-American Tropical Tuna Commission restricting the 1967 quota of yellowfin from eastern tropical Pacific waters to 84,500 short tons. The quota set on yellowfin tuna is part of a conservation program to maintain the population at levels which permit the maximum sustainable harvest.

Construction of tuna vessels on the Pacific coast reached a post-war peak. Two small boats and six large seiners were delivered during 1967. An additional nine vessels were in various stages of construction at the end of the year. Two large seiners with a combined carrying capacity of 1,480 tons, and two modern bait boats with a combined carrying capacity of 146 tons joined the fleet and made at least one fishing trip during the year.

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1967

ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLICATION
		ALBACORE BAIT BOATS	YELLOWFIN 1/	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,536	759	411	3,225	5,505
ON BOATS AND SHORE. .	-	61	-	468	521
TOTAL.	1,536	820	411	3,693	6,026
VESSELS, MOTOR:					
5 - 9 TONS	-	2	-	90	92
10 - 19 TONS	3	40	-	547	581
20 - 29 TONS	3	34	2	276	303
30 - 39 TONS	4	16	5	159	177
40 - 49 TONS	3	16	6	70	89
50 - 59 TONS	2	13	8	34	47
60 - 69 TONS	3	7	5	12	22
70 - 79 TONS	3	5	4	6	14
80 - 89 TONS	4	1	1	4	9
90 - 99 TONS	8	2	1	-	10
100 - 109 TONS	1	4	4	2	7
110 - 119 TONS	4	-	-	-	4
120 - 129 TONS	2	3	2	1	5
130 - 139 TONS	3	4	2	1	8
140 - 149 TONS	2	-	-	1	1
150 - 159 TONS	2	-	-	-	2
160 - 169 TONS	1	2	2	-	3
180 - 189 TONS	3	1	1	-	4
190 - 199 TONS	3	7	7	-	10
210 - 219 TONS	2	-	-	-	2
230 - 239 TONS	2	-	-	-	2
250 - 259 TONS	2	-	-	-	2
260 - 269 TONS	2	-	-	-	2
270 - 279 TONS	4	1	1	-	5
280 - 289 TONS	1	-	-	-	1
290 - 299 TONS	2	-		-	2
300 - 309 TONS	2	-	-	-	2
310 - 319 TONS	4	1	1	-	5
320 - 329 TONS	1	-	-	-	1
330 - 339 TONS	2	1	1	-	3
340 - 349 TONS	3	-	-	-	3
350 - 359 TONS	6	-	-	-	6
360 - 369 TONS	4	1	1	-	5
370 - 379 TONS	1	-	-	-	1
380 - 389 TONS	2	-	-	-	2
390 - 399 TONS	1	-	-	-	1

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1967 - Continued

ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLICATION
		ALBACORE BAIT BOATS	YELLOWFIN 1/	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
400 - 409 TONS	1	-	-	-	1
410 - 419 TONS	2	-	-	-	2
420 - 429 TONS	2	1	1	-	3
430 - 439 TONS	5	1	1	-	6
440 - 449 TONS	3	-	-	-	3
460 - 469 TONS	2	-	-	-	2
470 - 479 TONS	13	-	-	-	13
480 - 489 TONS	3	-	-	-	3
520 - 529 TONS	1	-	-	-	1
580 - 589 TONS	1	-	-	-	1
610 - 619 TONS	1	-	-	-	1
630 - 639 TONS	1	-	-	-	1
680 - 689 TONS	1	-	-	-	1
720 - 729 TONS	2	-	-	-	2
730 - 739 TONS	1	-	-	-	1
760 - 769 TONS	1	-	-	-	1
790 - 799 TONS	1	-	-	-	1
810 - 819 TONS	1	-	-	-	1
830 - 839 TONS	1	-	-	-	1
860 - 869 TONS	1	-	-	-	1
TOTAL VESSELS. . .	137	163	56	1,203	1,479
TOTAL GROSS TONNAGE	41,231	9,833	6,706	27,516	77,914
BOATS, MOTOR	221	87	45	242	590
GEAR:					
LENGTH, YARDS.	102,740	-	-	-	-
HOOKS.	-	794	388	13,887	-

1/ VESSELS OF 50 TONS OR MORE CAPACITY ARE CONSIDERED CLIPPER CRAFT.

SUMMARY OF PACIFIC COAST TUNA CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES, STATE, AND DISTRICT	PURSE SEINES		LINES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALBACORE:						
WASHINGTON:						
PUGET SOUND	-	-	31	6	31	6
COASTAL	-	-	201	39	201	39
COLUMBIA RIVER.	-	-	1,008	205	1,008	205
TOTAL	-	-	1,240	250	1,240	250
OREGON:						
COLUMBIA RIVER.	-	-	16,774	3,397	16,774	3,397
COASTAL	-	-	12,469	2,463	12,469	2,463
TOTAL	-	-	29,243	5,860	29,243	5,860
CALIFORNIA:						
NORTHERN.	180	33	4,674	865	4,854	898
SAN FRANCISCO..	84	16	1,432	265	1,516	281
MONTEREY.	17	3	1,185	219	1,202	222
SANTA BARBARA	72	13	2,754	509	2,826	522
SAN PEDRO	69	14	5,267	1,050	5,336	1,064
SAN DIEGO	16	3	2,108	417	2,124	420
TOTAL	438	82	17,420	3,325	17,858	3,407
HAWAII.	-	-	26	9	26	9
GRAND TOTAL, ALBACORE	438	82	47,929	9,444	48,367	9,526
BLUEFIN:						
CALIFORNIA:						
SAN PEDRO	11,082	1,355	59	7	11,141	1,362
SAN DIEGO	2,554	300	41	5	2,595	305
TOTAL	13,636	1,655	100	12	13,736	1,667
HAWAII 1/	-	-	647	476	647	476
GRAND TOTAL, BLUEFIN.	13,636	1,655	747	488	14,383	2,143
LITTLE, HAWAII.	-	-	49	5	49	5
SKIPJACK:						
OREGON, COLUMBIA RIVER. .	-	-	210	21	210	21
CALIFORNIA:						
MONTEREY.	-	-	(2)	(2)	(2)	(2)
SAN PEDRO	72,494	7,339	8,406	851	80,900	8,190
SAN DIEGO	26,907	2,734	3,149	320	30,056	3,054
TOTAL	99,401	10,073	11,555	1,171	110,956	11,244
HAWAII.	-	-	8,044	1,264	8,044	1,264
GRAND TOTAL, SKIPJACK	99,401	10,073	19,809	2,456	119,210	12,529
YELLOWFIN:						
OREGON, COLUMBIA RIVER. .	-	-	17	2	17	2
CALIFORNIA:						
SAN PEDRO	97,118	13,299	9,104	1,246	106,222	14,545
SAN DIEGO	33,067	4,557	2,201	303	35,268	4,860
TOTAL	130,185	17,856	11,305	1,549	141,490	19,405
HAWAII.	-	-	502	230	502	230
GRAND TOTAL, YELLOWFIN.	130,185	17,856	11,824	1,781	142,009	19,637
GRAND TOTAL, ALL SPECIES.	243,660	29,666	80,358	14,174	324,018	43,840

1/ INCLUDES THE CATCH OF BIGEYE TUNA.

2/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. MENHADEN FISHERY, 1967

The menhaden catch of 1.2 billion pounds was 144 million pounds less than in 1966, and the smallest harvest since 1951. Menhaden was 29 percent of the U.S. production--compared with 44 percent in 1962, the record year.

Of the total, 60 percent was landed in the Gulf of Mexico; 19 in the Chesapeake States; 17 in the South Atlantic States, and 4 percent in the Middle Atlantic States. Less than one-half of 1 percent was taken in the New England States.

Purse seines accounted for 98 percent of the catch. The remaining 2 percent was taken by pound nets, gill nets, haul seines, fyke and hoop nets, floating traps, trammel nets, otter trawls, and weirs.

There were 2,409 fishermen, 139 vessels, 280 motor boats, and 4 other boats employed in the menhaden purse seine fishery.

MENHADEN

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1967

GROSS TONNAGE	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC		
	NEW JERSEY	VIRGINIA	NORTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	1	-	-	-
20 - 29	1	-	-	-	-
40 - 49	2	-	1	-	1
50 - 59	-	-	2	-	2
60 - 69	-	-	2	-	2
70 - 79	-	-	1	-	1
110 - 119	-	-	-	1	1
140 - 149	-	1	1	2	3
150 - 159	-	1	-	-	-
170 - 179	-	-	-	1	1
180 - 189	-	1	1	-	1
190 - 199	5	8	10	1	11
200 - 209	1	-	1	-	1
210 - 219	1	-	1	-	1
220 - 229	-	1	-	-	-
230 - 239	1	1	1	-	1
240 - 249	1	4	5	-	5
250 - 259	-	6	7	-	7
260 - 269	1	9	8	-	8
280 - 289	1	1	2	-	2
290 - 299	-	-	1	-	1
310 - 319	-	-	1	-	1
320 - 329	-	1	1	-	1
370 - 379	-	1	1	-	1
450 - 459	-	-	1	-	1
530 - 539	-	-	1	-	1
540 - 549	-	1	1	-	1
590 - 599	1	1	1	-	1
750 - 759	-	-	1	-	1
TOTAL VESSELS	15	38	52	5	57
TOTAL GROSS TONNAGE	3,105	9,533	13,172	766	13,938

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1967 - Continued

GROSS TONNAGE	GULF				GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	-	-	-	1
20 - 29	-	-	-	-	1
40 - 49	-	-	-	-	2
50 - 59	-	-	-	-	2
60 - 69	-	-	-	-	2
70 - 79	-	-	-	-	1
110 - 119	-	-	-	-	1
140 - 149	-	1	-	1	5
150 - 159	-	-	-	-	1
160 - 169	-	1	-	1	1
170 179	1	2	2	5	6
180 - 189	1	2	2	5	6
190 - 199	5	7	-	12	17
200 - 209	-	-	-	-	1
210 - 219	-	3	-	3	4
220 - 229	2	1	-	3	4
230 - 239	1	2	-	3	4
240 - 249	1	1	-	2	7
250 - 259	2	1	-	3	8
260 - 269	2	1	-	3	15
280 - 289	-	-	-	-	2
290 - 299	1	-	-	1	1
300 - 309	-	1	-	1	1
310 - 319	-	3	-	3	3
320 - 329	-	1	-	1	2
360 - 369	-	3	-	3	3
370 - 379	-	-	-	-	1
380 - 389	-	2	-	2	2
410 - 419	-	1	-	1	1
450 - 459	1	-	-	1	1
460 - 469	-	1	-	1	1
470 - 479	3	3	-	5	5
480 - 489	-	2	-	2	2
500 - 509	-	1	-	1	1
510 - 519	-	2	-	2	2
520 - 529	-	4	-	4	4
530 - 539	1	9	-	10	10
540 - 549	-	-	-	-	1
550 - 559	-	1	-	1	1
590 - 599	-	-	-	-	1
600 - 609	-	2	-	2	2
610 - 619	-	1	-	1	1
640 - 649	-	1	-	1	1
750 - 759	-	-	-	-	1
TOTAL VESSELS	21	60	4	84	139
TOTAL GROSS TONNAGE .	6,046	22,684	704	28,050	41,380

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF MENHADEN PURSE SEINE OPERATING UNITS, 1967

AREA AND STATE	VESSELS		BOATS		FISHERMEN	PURSE SEINES	
			MOTOR	OTHER			
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	NUMBER	NUMBER	LENGTH IN YARDS
MIDDLE ATLANTIC, NEW JERSEY	15	3,105	28	1	236	15	5,715
CHESAPEAKE, VIRGINIA. . . .	38	9,533	76	-	562	38	14,255
SOUTH ATLANTIC:							
NORTH CAROLINA.	52	13,172	104	-	878	52	20,800
FLORIDA, EAST COAST . . .	5	766	10	-	85	5	2,510
TOTAL, EXCLUSIVE OF DUPLICATION	57	13,938	114	-	963	57	23,310
GULF:							
MISSISSIPPI	21	6,046	42	3	385	21	10,810
LOUISIANA	60	22,684	120	-	1,051	60	33,424
TEXAS	4	704	8	-	68	4	2,000
TOTAL, EXCLUSIVE OF DUPLICATION.	84	28,050	160	3	1,440	84	45,704
GRAND TOTAL, EXCLUSIVE OF DUPLICATION . . .	139	41,380	280	4	2,409	142	69,094

SUMMARY OF MENHADEN CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND, CONNECTICUT. .	-	-	-	-	1	(1)
MIDDLE ATLANTIC:						
NEW YORK.	88	4	-	-	3	(1)
NEW JERSEY.	-	-	43,551	565	-	-
TOTAL	88	4	43,551	565	3	(1)
CHESAPEAKE:						
MARYLAND.	24	(1)	-	-	-	-
VIRGINIA.	791	13	201,734	2,670	-	-
TOTAL	815	13	201,734	2,670	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	15	(1)	150,454	1,694	-	-
FLORIDA, EAST COAST . . .	1	(1)	42,284	402	-	-
TOTAL	16	(1)	192,738	2,096	-	-
GULF:						
FLORIDA, WEST COAST . . .	30	1	5	(1)	-	-
MISSISSIPPI	-	-	166,527	2,145	-	-
LOUISIANA	-	-	510,414	6,134	-	-
TEXAS	-	-	23,020	262	-	-
TOTAL	30	1	699,966	8,541	-	-
GRAND TOTAL	949	18	1,137,989	13,872	4	(1)

AREA AND STATE	WEIRS		POUND NETS		FLOATING TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	-	-	21	1	-	-
RHODE ISLAND.	-	-	-	-	13	(1)
TOTAL	-	-	21	1	13	(1)
MIDDLE ATLANTIC:						
NEW YORK.	-	-	532	22	-	-
NEW JERSEY.	3	(1)	2,187	74	-	-
TOTAL	3	(1)	2,719	96	-	-
CHESAPEAKE:						
MARYLAND.	-	-	2,898	55	-	-
VIRGINIA.	-	-	17,444	308	-	-
TOTAL	-	-	20,342	363	-	-
SOUTH ATLANTIC, NORTH CAROLINA	-	-	7	(1)	-	-
GRAND TOTAL	3	(1)	23,089	460	13	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN CATCH, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	FYKE AND HOOP NETS		GILL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND, CONNECTICUT. .	-	-	1	(1)
MIDDLE ATLANTIC:				
NEW YORK.	-	-	19	1
NEW JERSEY.	-	-	155	5
TOTAL	-	-	174	6
CHESAPEAKE:				
MARYLAND.	-	-	79	2
VIRGINIA.	288	5	10	(1)
TOTAL	288	5	89	2
SOUTH ATLANTIC:				
NORTH CAROLINA.	-	-	5	(1)
FLORIDA, EAST COAST . . .	-	-	1,012	25
TOTAL	-	-	1,017	25
GULF, FLORIDA, WEST COAST .	-	-	85	3
GRAND TOTAL	288	5	1,366	36

AREA AND STATE	TRAMMEL NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MASSACHUSETTS	-	-	21	1
RHODE ISLAND.	-	-	13	(1)
CONNECTICUT	-	-	2	(1)
TOTAL	-	-	36	1
MIDDLE ATLANTIC:				
NEW YORK.	-	-	642	27
NEW JERSEY.	-	-	45,896	644
TOTAL	-	-	46,538	671
CHESAPEAKE:				
MARYLAND.	-	-	3,001	60
VIRGINIA.	-	-	220,267	2,993
TOTAL	-	-	223,268	3,053
SOUTH ATLANTIC:				
NORTH CAROLINA.	-	-	150,481	1,694
FLORIDA, EAST COAST . . .	-	-	43,297	427
TOTAL	-	-	193,778	2,121
GULF:				
FLORIDA, WEST COAST . . .	7	(1)	127	4
MISSISSIPPI	-	-	166,527	2,145
LOUISIANA	-	-	510,414	6,134
TEXAS	-	-	23,020	262
TOTAL	7	(1)	700,088	8,545
GRAND TOTAL	7	(1)	1,163,708	14,391

1/ LESS THAN $500.

U.S. CLAM FISHERY, 1967

Landings of 71.5 million pounds of clam meats were 1.3 million less than the record harvest of the previous year. The decline was principally in Maryland soft clam landings--5.2 million pounds in 1967 compared with 7 million in 1966. The value, however, was a record $20.5 million -- $1.9 million more than in 1966, the former record year. Surf clams, landed mainly in New Jersey, accounted for 63 percent of the production; hard clams, 23 percent; and soft clams, 14 percent. The remainder consisted of ocean quahog, razor, rangia, and mixed clams. The Middle Atlantic States led with 76 percent of the landings; followed by the Chesapeake States with 12 percent; New England, 10 percent; and the Pacific Coast, South Atlantic, and Gulf States the remaining 2 percent.

Dredges took 55.4 million pounds (77 percent); tongs, 6 million (8 percent); rakes, 4.3 million (6 percent); and hoes, 4.2 million pounds (6 percent). The remainder of the catch was taken with dip nets, shovels, or gathered by hand.

In Section 15 of this Digest, under the heading "Conversion Factors", there is a table which gives the average State yield per U.S. standard bushel for the clams taken on the Atlantic and Gulf coasts. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf Regional section.

SUMMARY OF CLAM CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HARD		OCEAN QUAHOG		RANGIA		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MASSACHUSETTS	1,390	1,061	-	-	-	-	5	2
RHODE ISLAND.	1,268	786	45	6	-	-	-	-
CONNECTICUT	241	101	-	-	-	-	-	-
TOTAL	2,899	1,948	45	6	-	-	5	2
MIDDLE ATLANTIC:								
NEW YORK.	7,066	7,090	-	-	-	-	16	5
NEW JERSEY.	2,878	1,292	-	-	-	-	-	-
DELAWARE.	299	155	-	-	-	-	-	-
TOTAL	10,243	8,537	-	-	-	-	16	5
CHESAPEAKE:								
MARYLAND.	296	152	-	-	-	-	-	-
VIRGINIA.	1,860	1,047	-	-	-	-	-	-
TOTAL	2,156	1,199	-	-	-	-	-	-
SOUTH ATLANTIC:								
NORTH CAROLINA.	201	106	-	-	86	27	-	-
SOUTH CAROLINA.	16	6	-	-	-	-	-	-
FLORIDA, EAST COAST . . .	17	9	-	-	-	-	-	-
TOTAL	234	121	-	-	86	27	-	-
GULF, FLORIDA, WEST COAST .	354	36	-	-	-	-	-	-
PACIFIC:								
ALASKA.	-	-	-	-	-	-	60	30
WASHINGTON.	295	140	-	-	-	-	172	108
OREGON.	-	-	-	-	-	-	51	35
CALIFORNIA.	1	(1)	-	-	-	-	-	-
TOTAL	296	140	-	-	-	-	283	173
GRAND TOTAL	16,182	11,981	45	6	86	27	304	180

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF CLAM CATCH, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	SOFT		SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	3,176	1,479	-	-	-	-	3,176	1,479
MASSACHUSETTS	990	678	16	5	-	-	2,401	1,746
RHODE ISLAND.	41	23	-	-	-	-	1,354	815
CONNECTICUT	-	-	-	-	-	-	241	101
TOTAL	4,207	2,180	16	5	-	-	7,172	4,141
MIDDLE ATLANTIC:								
NEW YORK.	265	91	2,305	190	-	-	9,652	7,376
NEW JERSEY.	108	45	41,584	4,051	-	-	44,570	5,388
DELAWARE.	-	-	-	-	-	-	299	155
TOTAL	373	136	43,889	4,241	-	-	54,521	12,919
CHESAPEAKE:								
MARYLAND.	5,212	1,611	1,149	106	-	-	6,657	1,869
VIRGINIA.	31	9	-	-	-	-	1,891	1,056
TOTAL	5,243	1,620	1,149	106	-	-	8,548	2,925
SOUTH ATLANTIC:								
NORTH CAROLINA.	-	-	-	-	-	-	287	133
SOUTH CAROLINA.	-	-	-	-	-	-	16	6
FLORIDA, EAST COAST . . .	-	-	-	-	-	-	17	9
TOTAL	-	-	-	-	-	-	320	148
GULF, FLORIDA, WEST COAST .	-	-	-	-	-	-	354	36
PACIFIC:								
ALASKA.	-	-	-	-	-	-	60	30
WASHINGTON.	-	-	-	-	-	-	467	248
OREGON.	-	-	-	-	6	4	57	39
CALIFORNIA.	-	-	-	-	-	-	1	(1)
TOTAL	-	-	-	-	6	4	585	317
GRAND TOTAL	9,823	3,936	45,054	4,352	6	4	71,500	20,486

1/ LESS THAN $500.

SUMMARY OF CLAM CATCH BY GEAR, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	HARD		OCEAN QUAHOG		RANGIA		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DIP NETS.	4	4	-	-	-	-	-	-
DREDGES	4,936	3,186	45	6	86	27	-	-
TONGS	6,022	4,750	-	-	(1)	(1)	-	-
RAKES	3,953	3,425	-	-	-	-	16	5
HOES.	3	2	-	-	-	-	5	3
SHOVELS	257	131	-	-	-	-	283	172
BY HAND	1,007	483	-	-	-	-	-	-
TOTAL	16,182	11,981	45	6	86	27	304	180

GEAR	SOFT		SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DIP NETS.	-	-	-	-	-	-	4	4
DREDGES	5,243	1,620	45,054	4,352	-	-	55,364	9,191
TONGS	3	2	-	-	-	-	6,025	4,752
RAKES	306	127	-	-	-	-	4,275	3,557
HOES.	4,223	2,167	-	-	-	-	4,231	2,172
SHOVELS	-	-	-	-	6	4	546	307
BY HAND	48	20	-	-	-	-	1,055	503
TOTAL	9,823	3,936	45,054	4,352	6	4	71,500	20,486

1/ LESS THAN 500 POUNDS OR $500.

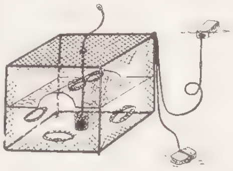
REVIEW OF CERTAIN MAJOR FISHERIES

U.S. CRAB FISHERY, 1967

The U.S. catch of crabs was 322.2 million pounds worth $32.3 million--a decline of 50.2 million pounds and $716,000 compared with the record volume and value of the previous year.

The production declined in all major areas but principally in the Pacific Coast States (170.6 million pounds), Chesapeake States (82.8 million), South Atlantic States (37.5 million), and Gulf States (28.5 million pounds) where the harvest was 14, 15, 8, and 11 percent less, respectively, than in 1966. The remainder was landed in the New England and Middle Atlantic States, and in Hawaii.

The harvest of king crabs in Alaska, 127.7 million pounds, and hard blue crabs along the Atlantic and Gulf coasts, 145 million, declined 31.5 million and 21.8 million pounds, respectively, compared with a year earlier. However, the 42.4-million-pound production of Dungeness crabs was 2.7 million more than in the previous year. Landings of Dungeness crabs in Alaska increased substantially--from 5.1 million pounds in 1966 to 11.6 million in 1967, but declined in all other States.



HARD CRAB POT

SUMMARY OF CRAB POT OPERATING UNITS, 1967

ITEM	NEW ENGLAND				
	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE	4	7	1	1	13
BOATS, MOTOR	2	6	1	1	10
GEAR, NUMBER	250	150	20	140	560

ITEM	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	5	-	5	185	322	507
ON BOATS AND SHORE	44	18	62	774	942	1,716
TOTAL	49	18	67	959	1,264	2,223
VESSELS, MOTOR:						
5 - 9 TONS	3	-	3	136	176	311
10 - 19 TONS	-	-	-	27	18	45
TOTAL VESSELS	3	-	3	163	194	356
TOTAL GROSS TONNAGE	21	-	21	1,300	1,390	2,690
BOATS, MOTOR	39	14	53	680	903	1,583
GEAR, NUMBER	3,512	1,685	5,197	88,685	114,903	203,488

ITEM	SOUTH ATLANTIC				
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	27	-	-	6	33
ON BOATS AND SHORE	278	147	148	180	753
TOTAL	305	147	148	186	786

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1967 - Continued

ITEM	SOUTH ATLANTIC				
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR:					
5 - 9 TONS.	12	-	-	1	13
10 - 19 TONS.	4	-	-	2	6
TOTAL VESSELS	16	-		3	19
TOTAL GROSS TONNAGE .	127	-	-	31	158
BOATS, MOTOR.	278	147	116	172	713
GEAR NUMBER	20,735	8,820	7,240	25,550	62,345

ITEM	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	21	-	-	-	-	21
ON BOATS AND SHORE. . . .	436	85	34	559	66	1,180
TOTAL FISHERMEN . . .	457	85	34	559	66	1,201
VESSELS, MOTOR:						
5 - 9 TONS.	5	-	-	-	-	5
10 - 19 TONS.	5	-	-	-	-	5
20 - 29 TONS.	2	-	-	-	-	2
TOTAL VESSELS	12	-	-	-	-	12
TOTAL GROSS TONNAGE .	141	-	-	-	-	141
BOATS, MOTOR.	375	79	27	381	66	928
GEAR, NUMBER.	83,228	12,520	3,400	58,785	11,100	169,033

ITEM	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,353	188	260	633	2,377
ON BOATS AND SHORE. . . .	152	106	80	208	546
TOTAL FISHERMEN . . .	1,505	294	340	841	2,923
VESSELS, MOTOR:					
5 - 9 TONS.	12	10	20	36	75
10 - 19 TONS.	59	29	52	129	259
20 - 29 TONS.	37	17	20	54	121
30 - 39 TONS.	26	11	11	9	54
40 - 49 TONS.	35	5	1	11	52
50 - 59 TONS.	31	-	3	3	37
60 - 69 TONS.	15	3	-	-	18
70 - 79 TONS.	7	-	-	-	7
80 - 89 TONS.	9	1	-	-	10
90 - 99 TONS.	13	-	-	-	13
100 - 109 TONS.	10	-	-	-	10
110 - 119 TONS.	7	1	-	-	8
120 - 129 TONS.	11	-	-	-	11
130 - 139 TONS.	7	-	-	-	7
140 - 149 TONS.	8	-	-	-	9
150 - 159 TONS.	2	-	-	-	2
160 - 169 TONS.	10	-	-	-	10
170 - 179 TONS.	5	-	-	-	5
180 - 189 TONS.	7	-	-	-	7
190 - 199 TONS.	6	-	-	-	6
210 - 219 TONS.	1	-	-	-	1
220 - 229 TONS.	1	-	-	-	1
270 - 279 TONS.	1	-	-	-	1
290 - 299 TONS.	1	-	-	-	1
320 - 329 TONS.	1	-	-	-	1
340 - 349 TONS.	1	-	-	-	1
370 - 379 TONS.	1	-	-	-	1
430 - 439 TONS.	1	-	-	-	1
490 - 499 TONS.	1	-	-	-	1
530 - 539 TONS.	1	-	-	-	1
590 - 599 TONS.	2	-	-	-	2
TOTAL VESSELS	329	77	107	242	733
TOTAL GROSS TONNAGE .	24,881	1,886	2,134	4,247	32,555

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1967 - Continued

ITEM	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:					
MOTOR	96	68	50	104	318
OTHER	-	1	-	-	1
GEAR, NUMBER.	50,296	23,150	27,400	30,976	137,232

SUMMARY OF CRAB TROT LINE OPERATING UNITS, 1967

ITEM	CHESAPEAKE		SOUTH ATLANTIC	
	MARYLAND	VIRGINIA	NORTH CAROLINA	SOUTH CAROLINA
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	91	10	9	-
ON BOATS AND SHORE. . . .	2,789	54	144	4
TOTAL	2,880	64	153	4
VESSELS, MOTOR:				
5 - 9 TONS.	71	7	8	-
10 - 19 TONS.	15	1	-	-
TOTAL VESSELS	86	8	8	-
TOTAL GROSS TONNAGE .	662	54	50	-
BOATS, MOTOR.	2,554	52	143	4
GEAR:				
NUMBER.	3,080	60	151	4
BAITS	1,044,900	36,100	110,600	2,888

ITEM	GULF			TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	MISSISSIPPI	LOUISIANA	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	-	109
ON BOATS AND SHORE. . . .	5	6	508	3,510
TOTAL	5	6	508	3,619
VESSELS, MOTOR:				
5 - 9 TONS.	-	-	-	85
10 - 19 TONS.	-	-	-	16
TOTAL VESSELS	-	-	-	101
TOTAL GROSS TONNAGE .	-	-	-	759
BOATS, MOTOR.	4	6	508	3,271
GEAR:				
NUMBER.	4	6	569	3,873
BAITS	2,400	3,000	325,500	1,525,088

SUMMARY OF CRAB OTTER TRAWL OPERATING UNITS, 1967

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	270	-	85	353
ON BOATS AND SHORE. . . .	168	12	138	318
TOTAL FISHERMEN . . .	438	12	223	671
VESSELS, MOTOR:				
5 - 9 TONS.	63	-	-	63
10 - 19 TONS.	35	-	12	46
20 - 29 TONS.	15	-	7	22
30 - 39 TONS.	12	-	11	23
40 - 49 TONS.	5	-	4	9
50 - 59 TONS.	3	-	5	8
60 - 69 TONS.	2	-	3	5
70 - 79 TONS.	1	-	-	1
80 - 89 TONS.	1	-	-	1
90 - 99 TONS.	1	-	-	1
TOTAL VESSELS	138	-	42	179
TOTAL GROSS TONNAGE .	2,487	-	1,375	3,843
BOATS, MOTOR.	133	11	91	235
GEAR:				
NUMBER.	355	11	174	536
YARDS AT MOUTH.	4,737	178	2,761	7,640

SUMMARY OF CRAB DREDGE OPERATING UNITS, 1967

ITEM	NEW JERSEY	DELAWARE	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	15	6	411	432
ON BOATS AND SHORE. . . .	5	-	4	9
TOTAL FISHERMEN . . .	20	6	415	441
VESSELS, MOTOR:				
0 - 9 TONS.	1	-	33	34
10 - 19 TONS.	4	-	63	67
20 - 29 TONS.	1	-	35	36
30 - 39 TONS.	-	-	13	13
40 - 49 TONS.	-	2	6	8
50 - 59 TONS.	-	-	2	2
TOTAL VESSELS	6	2	152	160
TOTAL GROSS TONNAGE .	94	87	2,757	2,938
BOATS, MOTOR.	5	-	2	7
GEAR:				
NUMBER.	17	4	283	304
YARDS AT MOUTH.	26	8	503	537

SUMMARY OF CRAB CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC:						
NEW JERSEY.	464	60	5	1	-	-
DELAWARE.	288	34	-	-	-	-
TOTAL	752	94	5	1	-	-
CHESAPEAKE:						
MARYLAND.	24,588	1,721	2,186	831	-	-
VIRGINIA.	54,824	2,954	1,217	452	-	-
TOTAL	79,412	4,675	3,403	1,283	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	14,272	704	86	37	-	-
SOUTH CAROLINA.	5,247	290	-	-	-	-
GEORGIA	8,496	380	-	-	-	-
FLORIDA, EAST COAST . . .	9,320	634	1	(1)	-	-
TOTAL	37,335	2,008	87	37	-	-
GULF:						
FLORIDA, WEST COAST . . .	13,976	817	7	4	-	-
ALABAMA	2,353	188	-	-	-	-
MISSISSIPPI	1,015	79	1	(1)	-	-
LOUISIANA	7,559	520	146	121	-	-
TEXAS	2,625	222	-	-		
TOTAL	27,528	1,826	154	125	-	-
PACIFIC COAST:						
ALASKA.	-	-	-	-	11,598	1,507
WASHINGTON.	-	-	-	-	9,501	1,560
OREGON.	-	-	-	-	9,621	1,554
CALIFORNIA.	-	-	-	-	11,717	2,033
TOTAL	-	-	-	-	42,437	6,654
GRAND TOTAL	145,027	8,603	3,649	1,446	42,437	6,654

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB CATCH, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	10	1	-	-	1,678	76
NEW HAMPSHIRE	45	5	-	-	15	1
MASSACHUSETTS	4	1/	-	-	20	3
RHODE ISLAND.	4	1	-	-	104	12
TOTAL.	63	7	-	-	1,817	92
MIDDLE ATLANTIC, NEW JERSEY	-	-	-	-	32	1
PACIFIC COAST:						
ALASKA.	-	-	127,716	14,970	-	-
CALIFORNIA.	-	-	-	-	324	33
TOTAL.	-	-	127,716	14,970	324	33
GRAND TOTAL.	63	7	127,716	14,970	2,173	126

AREA AND STATE	STONE		TANNER		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	1,688	77
NEW HAMPSHIRE	-	-	-	-	-	-	60	6
MASSACHUSETTS	-	-	-	-	-	-	24	3
RHODE ISLAND.	-	-	-	-	-	-	108	13
TOTAL.	-	-	-	-	-	-	1,880	99
MIDDLE ATLANTIC:								
NEW JERSEY.	-	-	-	-	-	-	501	62
DELAWARE.	-	-	-	-	-	-	288	34
TOTAL.	-	-	-	-	-	-	789	96
CHESAPEAKE:								
MARYLAND.	-	-	-	-	-	-	26,774	2,552
VIRGINIA.	-	-	-	-	-	-	56,041	3,406
TOTAL.	-	-	-	-	-	-	82,815	5,958
SOUTH ATLANTIC:								
NORTH CAROLINA.	-	-	-	-	-	-	14,358	741
SOUTH CAROLINA.	-	-	-	-	-	-	5,247	290
GEORGIA	124	68	-	-	-	-	8,496	380
FLORIDA, EAST COAST . . .	-	-	-	-	-	-	9,445	702
TOTAL.	124	68	-	-	-	-	37,546	2,113
GULF:								
FLORIDA, WEST COAST . . .	847	410	-	-	-	-	14,830	1,231
ALABAMA	-	-	-	-	-	-	2,353	188
MISSISSIPPI	-	-	-	-	-	-	1,016	79
LOUISIANA	-	-	-	-	-	-	7,705	641
TEXAS	-	-	-	-	-	-	2,625	222
TOTAL.	847	410	-	-	-	-	28,529	2,361
PACIFIC COAST:								
ALASKA.	-	-	118	12	-	-	139,432	16,489
WASHINGTON.	-	-	-	-	-	-	9,501	1,560
OREGON.	-	-	-	-	-	-	9,621	1,554
CALIFORNIA.	-	-	-	-	-	-	12,041	2,066
TOTAL.	-	-	118	12	-	-	170,595	21,669
HAWAII.	-	-	-	-	30	25	30	25
GRAND TOTAL.	971	478	118	12	30	25	322,184	32,321

1/ LESS THAN $500.

SUMMARY OF CRAB CATCH BY GEAR, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES, COMMON	2	(1)	(1)	(1)	-	-
BAG NETS.	18	1	-	-	-	-
OTTER TRAWLS.	13,321	610	45	20	58	10
POUND NETS.	1,753	83	855	330	-	-
POTS.	95,206	5,657	624	254	42,379	6,644
GILL NETS	1	(1)	-	-	-	-
LINES, TROT WITH BAITS. . .	18,818	1,210	217	92	-	-
DIP NETS.	716	45	71	37	-	-
SCRAPES	130	9	1,770	665	-	-
DREDGES	15,062	988	-	-	-	-
BRUSH TRAPS..	-	-	51	43	-	-
BY HAND	-	-	16	5	-	-
TOTAL	145,027	8,603	3,649	1,446	42,437	6,654

GEAR	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS.	-	-	-	-	32	2
POTS.	63	7	127,716	14,970	2,141	124
TOTAL	63	7	127,716	14,970	2,173	126

GEAR	STONE		TANNER	
	QUANTITY	VALUE	QUANTITY	VALUE
POTS.	971	478	118	12
TOTAL	971	478	118	12

GEAR	OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES, COMMON	-	-	2	(1)
BAG NETS.	-	-	18	1
OTTER TRAWLS.	-	-	13,456	642
POUND NETS.	-	-	2,608	413
POTS.	8	5	269,226	28,151
GILL NETS	(1)	(1)	1	(1)
LINES, TROT WITH BAITS. . .	-	-	19,035	1,302
DIP NETS.	-	-	787	82
LIFT NETS	21	19	21	19
SCRAPES	-	-	1,900	674
DREDGES	-	-	15,062	988
BRUSH TRAPS	-	-	51	43
BY HAND	-	-	16	5
UNCLASSIFIED.	1	1	1	1
TOTAL	30	25	322,184	32,321

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. OYSTER FISHERY, 1967

The U.S. oyster fishery produced 60 million pounds of meats, worth $32.2 million--an increase of 8.7 million pounds (17 percent) and $4.9 million (18 percent) compared with the previous year. The harvest of 25.8 million pounds in the Chesapeake States and 21.7 million in the Gulf States increased 4.6 million pounds in each area and accounted largely for the gain. Landings in the Middle Atlantic States increased moderately--1.2 million pounds in 1967 compared with 917,000 pounds in 1966. Production declined slightly, however, in the New England, South Atlantic, and Pacific Coast States.

The Chesapeake States led in production of oyster meats with a yield of 25.8 million pounds, followed by the Gulf States, 21.7 million, and the Pacific Coast States, 7.7 million pounds. The Chesapeake and Gulf States accounted for 79 percent of the total production.

Dredges took 40.1 million pounds (67 percent) of the oyster harvest, and tongs, 18 million pounds (30 percent). The remainder was taken with rakes, forks, and diving outfits, or gathered by hand.

In Section 15 of this Digest is a table which gives the volume of the bushel measures used for oysters in the various Atlantic and Gulf States and the average yield per bushel. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.

SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1967

ITEM	NEW ENGLAND			
	MAINE	MASSACHUSETTS	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	31	31
ON BOATS AND SHORE. . . .	5	8	-	13
TOTAL FISHERMEN . . .	5	8	31	44
VESSELS, MOTOR:				
10 - 19 TONS.	-	-	5	5
20 - 29 TONS.	-	-	2	2
30 - 39 TONS.	-	-	3	3
70 - 79 TONS.	-	-	1	1
TOTAL VESSELS	-	-	11	11
TOTAL GROSS TONNAGE .	-	-	301	301
BOATS, MOTOR.	5	5	-	10
GEAR:				
NUMBER.	5	5	21	31
YARDS AT MOUTH.	5	5	29	39

ITEM	MIDDLE ATLANTIC			
	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	29	161	15	205
ON BOATS AND SHORE. . . .	2	15	1	18
TOTAL FISHERMEN . . .	31	176	16	223
VESSELS, MOTOR:				
5 - 9 TONS.	-	2	-	2
10 - 19 TONS.	2	5	1	8
20 - 29 TONS.	1	3	-	4
30 - 39 TONS.	1	5	1	7
40 - 49 TONS.	1	2	1	4
50 - 59 TONS.	1	3	-	4
60 - 69 TONS.	2	-	-	2
TOTAL VESSELS.	8	20	3	31
TOTAL GROSS TONNAGE .	311	588	92	991
BOATS, MOTOR.	1	9	1	11
GEAR:				
NUMBER.	13	51	7	71
YARDS AT MOUTH.	19	51	9	79

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1967 - Continued

ITEM	CHESAPEAKE			SOUTH ATLANTIC
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	270	301	571	73
ON BOATS AND SHORE. . . .	84	347	431	200
TOTAL FISHERMEN . . .	354	648	1,002	273
VESSELS, MOTOR:				
5 - 9 TONS.	19	86	105	34
10 - 19 TONS.	25	33	58	9
20 - 29 TONS.	6	7	13	1
30 - 39 TONS.	2	2	4	-
TOTAL VESSELS	1/ 52	128	180	44
TOTAL GROSS TONNAGE .	1/649	1,296	1,945	356
BOATS, MOTOR.	32	183	215	182
GEAR:				
NUMBER.	131	375	506	237
YARDS AT MOUTH.	148	408	556	315

ITEM	GULF				
	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	13	605	620	331	1,228
ON BOATS AND SHORE. . . .	-	30	372	256	658
TOTAL FISHERMEN . . .	13	635	992	587	1,886
VESSELS, MOTOR:					
5 - 9 TONS.	-	4	30	13	46
10 - 19 TONS.	2	60	102	69	199
20 - 29 TONS.	-	83	60	33	123
30 - 39 TONS.	1	32	26	11	45
40 - 49 TONS.	-	9	6	2	10
50 - 59 TONS.	-	1	1	-	1
60 - 69 TONS.	-	2	-	-	2
TOTAL VESSELS	3	191	225	128	426
TOTAL GROSS TONNAGE .	59	4,557	4,266	2,236	8,174
BOATS, MOTOR.	-	15	191	117	323
GEAR:					
NUMBER.	6	412	747	246	1,208
YARDS AT MOUTH.	9	514	872	246	1,414

ITEM	PACIFIC			
	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	59	7	-	66
ON BOATS AND SHORE. . . .	-	-	11	11
TOTAL FISHERMEN . . .	59	7	11	77
VESSELS, MOTOR:				
5 - 9 TONS.	-	1	-	1
10 - 19 TONS.	14	1	-	15
20 - 29 TONS.	7	1	-	8
30 - 39 TONS.	5	-	-	5
40 - 49 TONS.	1	-	-	1
TOTAL VESSELS	27	3	-	30
TOTAL GROSS TONNAGE .	601	43	-	644
BOATS, MOTOR.	-	-	5	5
GEAR:				
NUMBER.	2/ 64	6	2/ 5	75
YARDS AT MOUTH.	124	12	4	140

1/ INCLUDES 44 SAILING VESSELS WITH A TOTAL OF 555 GROSS TONS.

2/ INCLUDES SUCTION DREDGES.

SUMMARY OF OYSTER TONG OPERATING UNITS, 1967

ITEM	NEW ENGLAND				MIDDLE ATLANTIC			
	MASSA-CHUSETTS	RHODE ISLAND	CONNEC-TICUT	TOTAL, EXCLUSIVE OF DUPLI-CATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE.	21	12	11	44	4	85	3	92
BOATS:								
MOTOR	14	12	11	37	4	85	3	92
OTHER	2	-	-	2	-	-	-	-
GEAR, NUMBER.	21	12	11	44	4	85	3	92

ITEM	CHESAPEAKE			SOUTH ATLANTIC				
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLI-CATION	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	280	660	938	-	-	-	-	-
ON BOATS AND SHORE.	4,090	2,962	7,052	277	92	55	16	440
TOTAL FISHERMEN	4,370	3,622	7,990	277	92	55	16	440
VESSELS, MOTOR:								
5 - 9 TONS.	189	272	459	-	-	-	-	-
10 - 19 TONS.	51	36	87	-	-	-	-	-
TOTAL VESSELS	240	308	546	-	-	-	-	-
TOTAL GROSS TONNAGE . .	1,968	2,361	4,315	-	-	-	-	-
BOATS:								
MOTOR	3,570	2,042	5,612	277	92	55	16	440
OTHER	-	-	-	-	-	33	-	33
GEAR, NUMBER.	4,370	3,622	7,990	277	92	55	16	440

ITEM	GULF						PACIFIC	GRAND TOTAL, EXCLUSIVE OF DUPLI-CATION
	FLORIDA, WEST COAST	ALABAMA	MISSIS-SIPPI	LOUISI-ANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLI-CATION	CALI-FORNIA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	2	-	-		-	2	-	940
ON BOATS AND SHORE.	731	795	568	99	37	2,230	33	9,891
TOTAL FISHERMEN	733	795	568	99	37	2,232	33	10,831
VESSELS, MOTOR:								
5 - 9 TONS.	-	-	-	-	-	-	-	459
10 - 19 TONS.	1	-	-	-	-	1	-	88
TOTAL VESSELS	1	-	-	-	-	1	-	547
TOTAL GROSS TONNAGE . .	10	-	-	-	-	10	-	4,325
BOATS:								
MOTOR	576	411	548	60	37	1,632	17	7,830
OTHER	-	57	20	6	-	83	-	118
GEAR, NUMBER.	733	795	568	99	37	2,232	33	10,831

SUMMARY OF OYSTER CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	DREDGES		TONGS		RAKES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	4	4	-	-	-	-
MASSACHUSETTS	3	12	46	119	1	2
RHODE ISLAND	-	-	4	5	-	-
CONNECTICUT	252	572	3	4	-	-
TOTAL	259	588	53	128	1	2
MIDDLE ATLANTIC:						
NEW YORK	99	203	3	5	-	-
NEW JERSEY	950	841	77	76	-	-
DELAWARE	47	32	14	8	-	-
TOTAL	1,096	1,076	94	89	-	-
CHESAPEAKE:						
MARYLAND	4,509	3,202	12,221	8,161	-	-
VIRGINIA	9,068	5,959	-	-	-	-
TOTAL	13,577	9,161	12,221	8,161	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	195	126	179	108	21	13
SOUTH CAROLINA	-	-	816	330	-	-
GEORGIA	-	-	152	82	-	-
FLORIDA, EAST COAST	-	-	91	37	-	-
TOTAL	195	126	1,238	557	21	13
GULF:						
FLORIDA, WEST COAST	4,528	1,406	-	-	-	-
ALABAMA	94	48	1,993	960	-	-
MISSISSIPPI	1,963	579	1,823	487	-	-
LOUISIANA	7,528	3,301	205	108	-	-
TEXAS	3,467	1,530	58	27	-	-
TOTAL	17,580	6,864	4,079	1,582	-	-
PACIFIC COAST:						
WASHINGTON:						
PACIFIC	6,497	2,630	-	-	-	-
WESTERN	43	138	-	-	-	-
TOTAL	6,540	2,768	-	-	-	-
OREGON:						
PACIFIC	411	169	-	-	-	-
WESTERN	1	2	-	-	-	-
TOTAL	412	171	-	-	-	-
CALIFORNIA:						
EASTERN	13	38	-	-	-	-
PACIFIC	455	105	274	64	-	-
TOTAL	468	143	274	64	-	-
TOTAL PACIFIC STATES	7,420	3,082	274	64	-	-
GRAND TOTAL	40,127	20,897	17,959	10,581	22	15

AREA AND STATE	FORKS		DIVING OUTFITS	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	-	-	(1)	(1)
MASSACHUSETTS	9	28	-	-
RHODE ISLAND	-	-	1	(1)
TOTAL	9	28	1	(1)
GRAND TOTAL	9	28	1	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OYSTER CATCH, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	-	-	4	4
MASSACHUSETTS	-		59	161
RHODE ISLAND	-	-	5	5
CONNECTICUT	-	-	255	576
TOTAL	-		323	746
MIDDLE ATLANTIC:				
NEW YORK	-	-	102	208
NEW JERSEY	-	-	1,027	917
DELAWARE	-	-	61	40
TOTAL	-	-	1,190	1,165
CHESAPEAKE:				
MARYLAND	-	-	16,730	11,363
VIRGINIA	-	-	9,068	5,959
TOTAL	-	-	25,798	17,322
SOUTH ATLANTIC:				
NORTH CAROLINA	123	69	518	316
SOUTH CAROLINA	1,440	517	2,256	847
GEORGIA	51	32	203	114
FLORIDA, EAST COAST	92	37	183	74
TOTAL	1,706	655	3,160	1,351
GULF:				
FLORIDA, WEST COAST	50	21	4,578	1,427
ALABAMA	-	-	2,087	1,008
MISSISSIPPI	-	-	3,786	1,066
LOUISIANA	10	5	7,743	3,414
TEXAS	28	14	3,553	1,571
TOTAL	88	40	21,747	8,486
PACIFIC COAST:				
ALASKA, PACIFIC	45	25	45	25
WASHINGTON:				
PACIFIC	-	-	6,497	2,630
WESTERN	-	-	43	138
TOTAL	-	-	6,540	2,768
OREGON:				
PACIFIC	-	-	411	169
WESTERN	-	-	1	2
TOTAL	-	-	412	171
CALIFORNIA:				
EASTERN	-	-	13	38
PACIFIC	-	-	729	169
TOTAL	-	-	742	207
TOTAL PACIFIC STATES	45	25	7,739	3,171
GRAND TOTAL	1,839	720	59,957	32,241

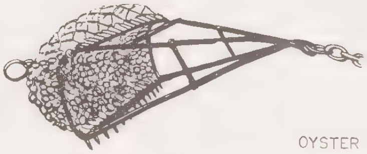
1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE CATCH BY HAND IN WASHINGTON AND OREGON HAS BEEN INCLUDED WITH THE CATCH BY DREDGES; IN CALIFORNIA, IT HAS BEEN INCLUDED WITH TONGS.

SUMMARY OF ATLANTIC AND GULF OYSTER CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	PUBLIC		PRIVATE	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	4	4	-	-
MASSACHUSETTS	14	34	45	127
RHODE ISLAND	2	2	3	3
CONNECTICUT	3	4	252	572
TOTAL	23	44	300	702
MIDDLE ATLANTIC:				
NEW YORK	3	5	99	203
NEW JERSEY	72	70	955	847
DELAWARE	-	-	61	40
TOTAL	75	75	1,115	1,090
CHESAPEAKE:				
MARYLAND	14,890	9,898	1,840	1,465
VIRGINIA	4,066	2,747	5,002	3,212
TOTAL	18,956	12,645	6,842	4,677
SOUTH ATLANTIC:				
NORTH CAROLINA	420	256	98	60
SOUTH CAROLINA	-	-	2,256	847
GEORGIA	-	-	203	114
FLORIDA, EAST COAST	68	28	115	46
TOTAL	488	284	2,672	1,067
GULF:				
FLORIDA, WEST COAST	4,403	1,370	175	57
ALABAMA	1,970	948	117	60
MISSISSIPPI	3,600	1,012	186	54
LOUISIANA	908	383	6,835	3,031
TEXAS	3,311	1,431	242	140
TOTAL	14,192	5,144	7,555	3,342
GRAND TOTAL	33,734	18,192	18,484	10,878



OYSTER DREDGE

SUMMARY OF OYSTER CATCH BY SPECIES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
EASTERN:		
PUBLIC	33,734	18,192
PRIVATE 1/	18,497	10,916
TOTAL	52,231	29,108
PACIFIC	7,682	2,993
WESTERN	44	140
GRAND TOTAL	59,957	32,241

1/ EASTERN, PRIVATE INCLUDES 13,000 POUNDS OF OYSTERS, VALUED AT $38,000 HARVESTED IN CALIFORNIA.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. SHRIMP FISHERY

The U.S. shrimp catch was a record 307.8 million pounds (heads-on) worth a record $103.5 million--an increase of 68.7 million pounds and $7.2 million compared with 1966. The domestic shrimp fishery was the first to exceed $100 million in exvessel value.

The Gulf States accounted for 225.7 million pounds (73 percent of the total); Pacific Coast States, 54.5 million (18 percent); South Atlantic, 20.6 million (7 percent); and the New England States, 7 million pounds (2 percent). A negligible amount was taken in the Mississippi River States and Hawaii. Landings increased sharply in all major areas except the South Atlantic States where a slight decline occurred in all States except Georgia. In other areas, record harvests of shrimp were taken in Maine, Alabama, Texas, Alaska, and Oregon.

The otter trawl fleet took 299.9 million pounds--97 percent of the total. An additional 7.9 million pounds were taken by haul seines, bag nets, beam trawls, butterfly nets, pots and traps, cast nets, and brush traps.

The U.S. otter trawl fishery employed 17,835 fishermen on 4,025 vessels and 5,783 motor boats. Texas led in number of vessels (5 net tons or more) with 1,675. Louisiana, second in number of vessels with 1,422, led in number of boats with 3,402.

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1967

GROSS TONNAGE	NEW ENGLAND	SOUTH ATLANTIC				
	MAINE	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	108	20	15	2	136
10 - 19	15	53	62	58	32	168
20 - 29	21	37	40	61	27	128
30 - 39	10	35	37	76	60	154
40 - 49	5	34	39	57	63	134
50 - 59	2	18	8	28	35	62
60 - 69	1	7	5	20	34	53
70 - 79	1	6	3	9	20	29
80 - 89	-	4	2	3	4	7
90 - 99	-	3	1	4	10	15
100 - 109	1	-	-	-	1	1
110 - 119	-	-	-	1	1	1
120 - 129	-	-	-	-	1	1
TOTAL VESSELS	56	305	217	332	290	889
TOTAL GROSS TONNAGE .	1,608	7,549	6,218	11,812	13,201	28,880

GROSS TONNAGE	GULF						SOUTH ATLANTIC AND GULF
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	33	30	8	44	35	126	262
10 - 19	82	95	65	224	146	505	671
20 - 29	38	42	79	163	82	330	451
30 - 39	127	49	50	178	125	351	465
40 - 49	145	41	34	193	167	372	451
50 - 59	86	24	27	139	154	264	301
60 - 69	204	36	49	232	425	533	559
70 - 79	71	26	16	116	213	251	268
80 - 89	27	9	6	34	82	105	111
90 - 99	67	18	6	49	151	182	192

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1967 - Continued

GROSS TONNAGE	GULF						SOUTH ATLANTIC AND GULF
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
100 - 109	3	2	1	17	33	40	41
110 - 119	3	4	3	8	23	26	26
120 - 129	3	11	2	15	23	32	33
130 - 139	2	9	3	8	10	20	20
140 - 149	-	1	-	1	3	4	4
150 - 159	-	-	1	-	-	1	1
160 - 169	-	-	-	-	2	2	2
190 - 199	-	-	1	-	-	1	1
220 - 229	-	-	-	1	1	1	1
TOTAL VESSELS	891	397	351	1,422	1,675	3,146	3,860
TOTAL GROSS TONNAGE .	46,370	17,413	14,491	66,830	100,707	153,928	174,095

GROSS TONNAGE	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	1	-	-	-	1
10 - 19	3	-	4	6	11
20 - 29	3	-	14	14	25
30 - 39	4	1	11	5	19
40 - 49	7	2	7	6	20
50 - 59	7	-	3	3	12
60 - 69	4	-	-	1	5
70 - 79	1	-	2	-	3
80 - 89	3	-	2	-	5
90 - 99	1	-	-	-	1
100 - 109	2	-	1	1	4
110 - 119	-	-	1	1	1
120 - 129	1	-	-	-	1
280 - 289	1	-	-	-	1
TOTAL VESSELS	38	3	45	37	109
TOTAL GROSS TONNAGE .	2,248	116	1,800	1,291	4,952

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1967

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	43	43	23	43	632
NEW HAMPSHIRE	2	2	2	2	35
TOTAL, EXCLUSIVE OF DUPLICATION.	45	45	25	45	667
SOUTH ATLANTIC:					
NORTH CAROLINA.	460	269	301	460	5,620
SOUTH CAROLINA.	16	12	20	16	262
GEORGIA	270	190	214	270	3,405
FLORIDA, EAST COAST . . .	9	17	-	9	108
TOTAL, EXCLUSIVE OF DUPLICATION.	755	488	535	755	9,395
GULF:					
FLORIDA, WEST COAST . . .	95	110	35	95	1,225
ALABAMA	174	279	51	174	2,730
MISSISSIPPI	594	168	535	594	1,850
LOUISIANA	3,402	2,949	1,417	3,402	45,678
TEXAS	724	699	284	724	8,400
TOTAL, EXCLUSIVE OF DUPLICATION.	4,983	4,195	2,322	4,983	60,266

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1967 - Continued

AREA AND STATE	BOATS	BOAT FISHERY			
		FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	5,738	4,683	2,857	5,738	69,661
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	5,783	4,728	2,882	5,783	70,328

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND, MAINE.	56	1,608	126	56	898
SOUTH ATLANTIC:					
NORTH CAROLINA.	305	7,549	671	526	7,904
SOUTH CAROLINA.	217	6,218	444	422	7,802
GEORGIA	332	11,812	672	626	9,619
FLORIDA, EAST COAST . . .	290	13,201	616	569	8,648
TOTAL, EXCLUSIVE OF DUPLICATION.	889	28,880	1,881	1,645	26,402
GULF:					
FLORIDA, WEST COAST . . .	891	46,370	2,161	1,692	26,952
ALABAMA	397	17,413	961	660	10,984
MISSISSIPPI	351	14,491	872	548	12,502
LOUISIANA	1,422	66,830	3,782	2,538	41,511
TEXAS	1,675	100,707	4,723	3,164	52,531
TOTAL, EXCLUSIVE OF DUPLICATION.	3,146	153,928	8,219	5,560	91,489
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	3,860	174,095	9,740	6,857	112,544
PACIFIC:					
ALASKA.	38	2,248	130	38	57
WASHINGTON.	3	116	9	3	57
OREGON.	45	1,800	151	45	855
CALIFORNIA.	37	1,291	111	37	555
TOTAL, EXCLUSIVE OF DUPLICATION.	109	4,952	359	109	1,827
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	4,025	180,655	10,225	7,022	115,269

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:				
MAINE	99	192	99	1,530
NEW HAMPSHIRE	2	4	2	35
TOTAL, EXCLUSIVE OF DUPLICATION.	101	196	101	1,565
SOUTH ATLANTIC:				
NORTH CAROLINA.	765	1,241	986	13,524
SOUTH CAROLINA.	233	476	438	8,064
GEORGIA	602	1,076	896	13,024
FLORIDA, EAST COAST . . .	299	633	578	8,756
TOTAL, EXCLUSIVE OF DUPLICATION.	1,644	2,904	2,400	35,797

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1967 - Continued

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
GULF:				
FLORIDA, WEST COAST . . .	986	2,306	1,787	28,177
ALABAMA	571	1,291	834	13,714
MISSISSIPPI	945	1,575	1,142	14,352
LOUISIANA	4,824	8,148	5,940	87,189
TEXAS	2,399	5,706	3,888	60,931
TOTAL, EXCLUSIVE OF DUPLICATION.	8,129	14,736	10,543	151,755
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	9,598	17,280	12,595	182,205
PACIFIC:				
ALASKA.	38	130	38	570
WASHINGTON.	3	9	3	57
OREGON.	45	151	45	855
CALIFORNIA.	37	111	37	555
TOTAL, EXCLUSIVE OF DUPLICATION.	109	1,359	109	1,827
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	9,808	17,835	12,805	185,597

SUMMARY OF SHRIMP CATCH, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		BAG NETS		BEAM TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	313	111	-	-
SOUTH CAROLINA.	52	15	-	-	-	-
TOTAL	52	15	313	111	-	-
PACIFIC:						
ALASKA.	-	-	-	-	2,728	136
WASHINGTON.	-	-	-	-	11	3
TOTAL	-	-	-	-	2,739	139
GRAND TOTAL	52	15	313	111	2,739	139

AREA AND STATE	BUTTERFLY NETS		OTTER TRAWLS		POTS AND TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	6,925	865	-	-
NEW HAMPSHIRE	-	-	44	5	-	-
MASSACHUSETTS	-	-	22	2	-	-
TOTAL	-	-	6,991	872	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	4,606	1,698	-	-
SOUTH CAROLINA.	-	-	4,002	1,656	-	-
GEORGIA	-	-	6,657	3,022	-	-
FLORIDA, EAST COAST . . .	-	-	4,934	2,500	-	-
TOTAL	-	-	20,199	8,876	-	-
GULF:						
FLORIDA, WEST COAST . . .	-	-	23,449	10,476	-	-
ALABAMA	-	-	14,456	6,049	-	-
MISSISSIPPI	-	-	9,625	3,122	-	-
LOUISIANA	4,570	1,077	70,747	23,496	1	(1)
TEXAS	-	-	102,876	46,355	-	-
TOTAL	4,570	1,077	221,153	89,498	1	(1)
PACIFIC:						
ALASKA.	-	-	38,946	1,558	139	6
WASHINGTON.	-	-	1,029	82	19	11
OREGON.	-	-	10,155	1,041	-	-
CALIFORNIA.	-	-	1,435	170	-	-
TOTAL	-	-	51,565	2,851	158	17
MISSISSIPPI RIVER AND TRIBUTARIES, LOUISIANA . .	-	-	-	-	4	1
GRAND TOTAL	4,570	1,077	299,908	102,097	163	18

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP CATCH, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	CAST NETS		BRUSH TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE
SOUTH ATLANTIC, SOUTH CAROLINA	34	8	-	-
GULF, LOUISIANA	-	-	7	2
GRAND TOTAL	34	8	7	2

AREA AND STATE	UNCLASSIFIED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	-	-	6,925	865
NEW HAMPSHIRE	-	-	44	5
MASSACHUSETTS	-	-	22	2
TOTAL	-	-	6,991	872
SOUTH ATLANTIC:				
NORTH CAROLINA.	-	-	4,919	1,809
SOUTH CAROLINA.	-	-	4,088	1,679
GEORGIA	-	-	6,657	3,022
FLORIDA, EAST COAST . . .	-	-	4,934	2,500
TOTAL	-	-	20,598	9,010
GULF:				
FLORIDA, WEST COAST . . .	-	-	23,449	10,476
ALABAMA	-	-	14,456	6,049
MISSISSIPPI	-	-	9,625	3,122
LOUISIANA	-	-	75,325	24,575
TEXAS	-	-	102,876	46,355
TOTAL	-	-	225,731	90,577
PACIFIC:				
ALASKA.	-	-	41,813	1,700
WASHINGTON.	-	-	1,059	96
OREGON.	-	-	10,155	1,041
CALIFORNIA.	-	-	1,435	170
TOTAL	-	-	54,462	3,007
MISSISSIPPI RIVER AND TRIBUTARIES, LOUISIANA . .	-	-	4	1
HAWAII.	1	1	1	1
GRAND TOTAL	1	1	307,787	103,468

1/ LESS THAN $500.

U.S. FISH OTTER TRAWL FLEET

The following tables contain information on the U.S. fish otter trawl fleet. The data include detailed information on the operating units in this fishery and a breakdown of vessels by area, State, and gross tonnage. The fish otter trawl fleet employed 5,115 fishermen on 1,216 vessels (craft of 5 net tons or more) and 115 boats. Fifty-two vessels used two trawls, which brought the total number of trawls in use to 1,383.

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1967

GROSS TONNAGE	NEW ENGLAND				
	MAINE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	1	2	-	2
10 - 19	17	37	12	5	68
20 - 29	26	30	15	4	71
30 - 39	12	43	14	4	65
40 - 49	6	35	14	2	49
50 - 59	4	34	6	2	38
60 - 69	1	38	4	-	40
70 - 79	6	40	6	-	44
80 - 89	-	21	1	-	22
90 - 99	1	15	-	-	15
100 - 109	1	12	1	-	14
110 - 119	-	18	1	-	18
120 - 129	-	9	-	-	9
130 - 139	-	11	-	-	11
140 - 149	-	5	-	-	5
150 - 159	-	12	-	-	12
160 - 169	4	9	-	-	10
170 - 179	2	7	-	-	9
180 - 189	-	3	-	-	3
190 - 199	5	7	-	-	10
200 - 209	-	1	-	-	1
210 - 219	-	1	-	-	1
220 - 229	-	1	-	-	1
230 - 239	1	2	-	-	3
240 - 249	1	2	-	-	3
250 - 259	-	1	-	-	1
260 - 269	-	2	-	-	2
290 - 299	-	2	-	-	2
300 - 309	2	-	-	-	2
310 - 319	3	-	-	-	3
320 - 329	2	-	-	-	2
440 - 449	-	2	-	-	2
450 - 459	-	1	-	-	1
TOTAL VESSELS	94	402	76	17	539
TOTAL GROSS TONNAGE .	7,103	32,175	2,959	495	39,648

GROSS TONNAGE	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	6	14	20	-	1	1
10 - 19	41	20	60	5	6	11
20 - 29	37	13	48	7	6	12
30 - 39	23	13	36	4	7	10
40 - 49	13	24	35	2	6	8
50 - 59	11	13	20	2	8	8
60 - 69	1	12	12	-	5	5
70 - 79	9	18	24	1	9	10
80 - 89	4	5	7	-	3	3
90 - 99	-	-	-	-	1	1

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1967 - Continued

GROSS TONNAGE	NEW ENGLAND			CHESAPEAKE		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
100 - 109	-	1	1	-	1	1
110 - 119	1	5	5	-	5	5
120 - 129	3	2	3	-	3	3
130 - 139	1	-	1	-	1	1
140 - 149	1	-	1	-	1	1
150 - 159	-	-	-	-	1	1
160 - 169	-	1	1	-	1	1
190 - 199	1	-	1	-	-	-
250 - 259	-	-	-	-	1	1
TOTAL VESSELS	152	141	275	21	66	83
TOTAL GROSS TONNAGE	5,514	6,558	10,870	653	4,428	4,929

GROSS TONNAGE	SOUTH ATLANTIC	GULF			PACIFIC	
	NORTH CAROLINA, TOTAL, EXCLUSIVE OF DUPLICATION	MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION	ALASKA	WASHINGTON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	8	-	-	-	-	1
10 - 19	14	2	1	3	1	3
20 - 29	15	7	3	10	1	12
30 - 39	23	16	5	20	2	18
40 - 49	28	8	1	8	1	24
50 - 59	12	3	1	3	2	14
60 - 69	8	5	-	5	-	9
70 - 79	9	4	-	4	1	5
80 - 89	4	1	1	2	-	5
90 - 99	2	1	3	4	-	2
100 - 109	1	1	-	1	-	3
110 - 119	-	2	-	2	-	4
120 - 129	3	1	2	3	-	-
130 - 139	-	1	-	1	-	-
150 - 159	1	2	1	3	-	-
180 - 189	-	-	-	-	-	1
TOTAL VESSELS	128	54	18	69	8	101
TOTAL GROSS TONNAGE	5,645	2,977	1,132	3,978	330	5,338

GROSS TONNAGE	PACIFIC - CONTINUED			GREAT LAKES	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	2	3	1	33
10 - 19	-	15	19	8	180
20 - 29	4	22	38	3	189
30 - 39	10	13	40	2	181
40 - 49	13	13	50	6	167
50 - 59	7	6	27	1	93
60 - 69	2	1	11	-	68
70 - 79	2	5	12	1	77
80 - 89	3	2	8	-	39
90 - 99	1	-	3	-	24
100 - 109	1	2	6	-	22
110 - 119	2	1	5	-	31
120 - 129	-	-	-	-	15
130 - 139	-	-	-	-	14
140 - 149	-	-	-	-	6
150 - 159	-	-	-	-	17
160 - 169	-	-	-	-	11
170 - 179	-	-	-	-	9
180 - 189	-	-	1	-	4
190 - 199	1	-	1	-	11
200 - 209	-	-	-	-	1
210 - 219	-	-	-	-	1
220 - 229	-	-	-	-	1

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1967 - Continued

GROSS TONNAGE	PACIFIC - CONTINUED			GREAT LAKES	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
230 - 239	-	-	-	-	3
240 - 249	-	-	-	-	3
250 - 259	-	-	-	-	2
260 - 269	-	-	-	-	2
290 - 299	-	-	-	-	2
300 - 309	-	-	-	-	2
310 - 319	-	-	-	-	3
320 - 329	-	-	-	-	2
440 - 449	-	-	-	-	2
450 - 459	-	-	-	-	1
TOTAL VESSELS	46	82	224	22	1,216
TOTAL GROSS TONNAGE .	2,546	2,995	10,408	631	68,256

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1967

AREA AND STATE	BOAT FISHERY				
	BOAT	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	36	36	27	36	528
MASSACHUSETTS	5	10	-	5	100
RHODE ISLAND.	8	10	6	8	144
CONNECTICUT	48	24	40	48	687
TOTAL, EXCLUSIVE OF DUPLICATION.	97	80	73	97	1,459
MIDDLE ATLANTIC:					
NEW YORK.	6	11	-	6	99
NEW JERSEY.	2	4	-	2	24
TOTAL, EXCLUSIVE OF DUPLICATION.	8	15	-	8	123
CHESAPEAKE, VIRGINIA. . . .	3	6	-	3	45
PACIFIC, CALIFORNIA	6	12	-	6	162
GREAT LAKES	1	3	-	1	13
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	115	116	73	115	1,802

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	94	7,103	325	94	1,915
MASSACHUSETTS	402	32,175	2,473	402	10,925
RHODE ISLAND.	76	2,959	248	76	1,980
CONNECTICUT	17	495	41	17	377
TOTAL, EXCLUSIVE OF DUPLICATION.	539	39,648	2,894	539	13,983
MIDDLE ATLANTIC:					
NEW YORK.	152	5,514	397	152	3,559
NEW JERSEY.	141	6,558	492	141	3,480
TOTAL, EXCLUSIVE OF DUPLICATION.	275	10,870	818	275	6,570

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1967 - Continued

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
CHESAPEAKE:					
MARYLAND	21	653	56	21	511
VIRGINIA	66	4,428	267	66	1,777
TOTAL, EXCLUSIVE OF DUPLICATION	83	4,929	311	83	2,203
SOUTH ATLANTIC, NORTH CAROLINA	128	5,645	363	166	3,807
GULF:					
MISSISSIPPI	54	2,977	139	78	1,454
LOUISIANA	18	1,132	44	26	517
TOTAL, EXCLUSIVE OF DUPLICATION	69	3,978	175	100	1,898
PACIFIC:					
ALASKA	8	330	32	8	120
WASHINGTON	115	6,208	430	115	2,781
OREGON	46	2,546	168	46	1,007
CALIFORNIA	82	2,995	245	82	2,214
TOTAL, EXCLUSIVE OF DUPLICATION	238	11,415	829	238	5,843
GREAT LAKES	22	631	44	21	416
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,216	68,256	4,926	1,268	30,558

AREA AND STATE	TOTAL (BOATS AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:				
MAINE	130	388	130	2,443
MASSACHUSETTS	407	2,483	407	11,025
RHODE ISLAND	84	264	84	2,124
CONNECTICUT	65	105	65	1,064
TOTAL, EXCLUSIVE OF DUPLICATION	636	3,047	636	15,442
MIDDLE ATLANTIC:				
NEW YORK	158	408	158	3,658
NEW JERSEY	143	496	143	3,504
TOTAL, EXCLUSIVE OF DUPLICATION	283	833	283	6,693
CHESAPEAKE:				
MARYLAND	21	56	21	511
VIRGINIA	69	273	69	1,822
TOTAL, EXCLUSIVE OF DUPLICATION	86	318	86	2,248
SOUTH ATLANTIC, NORTH CAROLINA	128	363	166	3,807
GULF:				
MISSISSIPPI	54	139	78	1,454
LOUISIANA	18	44	26	517
TOTAL, EXCLUSIVE OF DUPLICATION	68	175	100	1,898
PACIFIC:				
ALASKA	8	32	8	120
WASHINGTON	115	430	115	2,781
OREGON	46	168	46	1,007
CALIFORNIA	88	257	88	2,376
TOTAL, EXCLUSIVE OF DUPLICATION	244	841	244	6,005
GREAT LAKES	23	47	22	429
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,334	5,115	1,383	32,360

SECTION 14

HISTORICAL FISHERY STATISTICS

Statistics on the fisheries of the United States are necessary for the best use of the Nation's aquatic resources. As series of data for extended periods of time are accumulated, the information becomes increasingly more valuable in indicating trends in the supply and utilization of fishery products. The extent to which these data are used is frequently dependent upon the ready availability of needed information to researchers, management officials, and members of the fishing industry.

The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data. These statistics would be of considerable use to researchers and others interested in the fisheries. Unfortunately, few know of these records. To make the series readily available to researchers and others interested in the fisheries, a section entitled "Historical Fishery Statistics" has been published since 1951, in "Fishery Statistics of the United States." The titles of the series published, and the identifying number of the Digest in which each appears, follows:

	Published in Statistical Digest Number	Revised and updated in Statistical Digest Number
Menhaden Fishery	30	59
Oyster Fishery	34	59
Pacific Sardine Fishery	36	59
Atlantic Ocean Perch Fishery	39	59
Pacific Herring Fishery	41	59
United States Haddock Fishery	43	59
United States Tuna Fishery	44	59
United States Atlantic Cod Fishery	49	-
Fur Seal Industry of the Pribilof Islands	51	-
Eastern Pacific Halibut Fishery	53	-
California Mackerel Fisheries	54	-
Atlantic Mackerel Fishery	56	-
Commercial Fisheries of the Great Lakes	57	60
Potomac River Alewife Fishery; Hudson River and Potomac River Shad Fishery	58	59
United States Shrimp Fishery	59	-
United States Lobster Fishery	59	-
Atlantic Ocean Herring Fishery	59	-
Alaska Salmon Fishery	60	-
United States Clam Fishery	60	-
Vessels Documented as Fishing Craft	60	-
Frozen Fishery Trade	61	-
Fish Meal, Oil, and Solubles	62	-

The following pages include historical data on the fish meal, oil, and solubles industry.

SUMMARY OF THE MENHADEN FISHERY, 1873-1968

YEAR	PLANTS	FISH RECEIVED	DRY SCRAP AND MEAL		ACIDULATED SCRAP	
	NUMBER	THOUSAND POUNDS	TONS	VALUE	TONS	VALUE
1873	62	266,459	-	-	36,299	(1)
1874	64	330,228	-	-	50,976	(1)
1875	60	377,429	-	-	53,625	(1)
1876	64	343,342	-	-	51,245	(1)
1877	56	393,720	5,700	(1)	49,744	(1)
1878	56	514,412	19,377	(1)	64,342	(1)
1879	60	426,833	29,563	(1)	37,496	(1)
1880	79	520,506	25,800	(1)	19,020	(1)
1881	97	304,309	25,027	(1)	7,592	(1)
1882	97	232,248	17,552	(1)	10,029	(1)
1883	78	411,019	34,216	(1)	10,920	(1)
1884	52	575,257	58,433	(1)	10,430	(1)
1885	50	321,074	33,910	(1)	7,225	(1)
1886	26	189,681	14,597	(1)	4,298	(1)
1887	28	223,488	17,262	(1)	5,368	(1)
1888	24	294,391	15,638	(1)	12,406	(1)
1889	29	372,064	24,359	(1)	25,859	(1)
1890	28	357,570	20,339	(1)	21,173	(1)
1891	27	237,943	12,608	(1)	15,069	(1)
1892	29	149,828	8,400	(1)	10,815	(1)
1893	33	245,492	13,150	(1)	15,465	(1)
1894	44	357,352	20,057	(1)	27,582	(1)
1895	42	309,370	18,682	(1)	21,965	(1)
1896	35	268,955	14,280	(1)	21,484	(1)
1897	41	391,483	18,430	(1)	34,372	(1)
1898	40	363,475	17,360	(1)	34,120	(1)
1899	(1)	(1)	(1)	(1)	(1)	(1)
1900	(1)	(1)	(1)	(1)	(1)	(1)
1901 2/	36	609,744	36,977	$909,505	48,853	$630,305
1902	(1)	(1)	(1)	(1)	(1)	(1)
1903	(1)	(1)	(1)	(1)	(1)	(1)
1904	(1)	(1)	(1)	(1)	(1)	(1)
1905	(1)	(1)	(1)	(1)	(1)	(1)
1906	(1)	(1)	(1)	(1)	(1)	(1)
1907	(1)	(1)	(1)	(1)	(1)	(1)
1908	(1)	(1)	(1)	(1)	(1)	(1)
1909	(1)	(1)	(1)	(1)	(1)	(1)
1910	(1)	(1)	(1)	(1)	(1)	(1)
1911	(1)	(1)	(1)	(1)	(1)	(1)
1912	48	3/711,435	50,885	1,532,994	37,635	605,171
1913	(1)	(1)	(1)	(1)	(1)	(1)
1914	(1)	(1)	(1)	(1)	(1)	(1)
1915	(1)	(1)	(1)	(1)	(1)	(1)
1916	(1)	(1)	(1)	(1)	(1)	(1)
1917	(1)	306,146	20,825	(1)	16,316	(1)
1918	(1)	259,292	16,017	(1)	33,187	(1)
1919	(1)	438,520	15,103	(1)	47,915	(1)
1920	(1)	(1)	(1)	(1)	(1)	(1)
1921	40	691,132	37,858	1,380,455	44,804	905,640
1922	45	812,342	67,821	2,655,441	25,755	556,317
1923	50	743,895	43,452	2,029,406	44,935	1,064,870
1924	45	344,284	21,008	996,866	24,409	495,684
1925	43	532,118	30,167	1,519,458	41,463	1,102,051
1926	41	382,781	24,226	1,164,396	23,553	548,204
1927	39	392,763	26,417	1,406,915	19,984	556,590
1928	34	362,213	24,681	1,453,651	20,028	531,238
1929	37	442,443	33,041	1,625,694	23,089	622,544
1930	33	409,513	32,987	1,627,918	15,725	395,295
1931	27	236,432	21,093	701,541	8,771	136,393
1932	24	375,479	36,544	833,689	6,841	72,892
1933	30	357,726	31,453	962,612	9,481	173,280
1934	27	517,403	37,935	1,247,697	22,051	381,559
1935	27	434,386	30,416	932,685	29,890	524,870
1936	29	516,104	42,411	1,411,710	23,482	359,615
1937	32	529,202	35,801	1,581,219	31,600	618,104
1938	32	517,530	39,274	1,576,620	21,814	418,936
1939	33	574,825	52,950	2,224,920	15,853	265,850

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF THE MENHADEN FISHERY, 1873-1968 - Continued

YEAR	PLANTS	FISH RECEIVED	DRY SCRAP AND MEAL		ACIDULATED SCRAP	
	NUMBER	THOUSAND POUNDS	TONS	VALUE	TONS	VALUE
1940.	30	634,589	56,249	$2,423,229	15,52[illegible]	$271,533
1941.	29	775,087	75,316	4,008,355	11,029	242,792
1942.	30	482,644	50,504	3,362,279	2,594	80,520
1943.	25	615,554	66,357	4,766,672	1,555	58,821
1944.	27	685,980	69,170	4,913,224	2,922	111,104
1945.	24	759,074	77,451	5,483,377	1,557	62,200
1946.	28	916,013	94,622	8,605,118	2,022	78,475
1947.	31	948,156	98,602	10,883,852	632	26,863
1948.	31	1,007,889	104,058	11,560,914	(4)	(4)
1949.	31	1,072,630	113,393	17,813,339	(4)	(4)
1950.	35	1,000,498	103,365	12,864,751	(4)	(4)
1951.	35	1,103,915	115,464	13,879,523	(4)	(4)
1952.	40	1,386,281	144,025	17,847,361	(4)	(4)
1953.	36	1,683,406	174,752	21,767,205	-	-
1954.	34	1,740,600	183,091	23,783,364	-	-
1955.	35	1,848,299	190,628	25,457,512	-	-
1956.	38	2,076,588	210,582	27,439,634	-	-
1957.	41	1,681,580	172,388	21,725,888	-	-
1958.	38	1,544,683	158,074	20,698,929	-	-
1959.	40	2,193,864	223,893	26,391,987	-	-
1960.	38	1,999,036	218,423	19,201,716	-	-
1961.	35	2,290,936	247,551	25,852,498	-	-
1962.	33	2,227,316	239,707	28,249,566	-	-
1963.	32	1,787,638	184,205	22,263,320	-	-
1964.	31	1,530,631	160,349	20,001,220	-	-
1965.	33	1,651,022	175,959	25,869,014	-	-
1966.	33	1,275,623	134,954	20,539,455	-	-
1967.	32	1,133,254	119,135	15,265,369	-	-
1968.	29	1,343,902	143,154	19,534,274	-	-

YEAR	OIL			SOLUBLES			TOTAL
	GALLONS	POUNDS	VALUE	TONS	POUNDS	VALUE	VALUE
1873.	2,214,800	16,611,000	(1)	-	-	-	(1)
1874.	3,372,847	25,296,352	(1)	-	-	-	(1)
1875.	2,681,482	20,111,115	(1)	-	-	-	(1)
1876.	2,992,000	22,440,000	(1)	-	-	-	(1)
1877.	2,426,589	18,199,418	(1)	-	-	-	(1)
1878.	3,809,233	28,569,248	(1)	-	-	-	(1)
1879.	2,258,901	16,941,758	(1)	-	-	-	(1)
1880.	2,034,940	15,262,050	(1)	-	-	-	(1)
1881.	1,266,549	9,499,118	(1)	-	-	-	(1)
1882.	2,021,316	15,519,870	(1)	-	-	-	(1)
1883.	2,166,320	16,247,400	(1)	-	-	-	(1)
1884.	3,722,927	27,921,952	(1)	-	-	-	(1)
1885.	2,346,319	17,597,392	(1)	-	-	-	(1)
1886.	1,805,544	13,541,580	(1)	-	-	-	(1)
1887.	2,273,566	17,051,745	(1)	-	-	-	(1)
1888.	2,051,128	15,383,460	(1)	-	-	-	(1)
1889.	3,327,030	24,952,725	(1)	-	-	-	(1)
1890.	2,939,217	22,044,128	(1)	-	-	-	(1)
1891.	1,946,642	14,599,815	(1)	-	-	-	(1)
1892.	1,329,644	9,972,330	(1)	-	-	-	(1)
1893.	1,269,002	9,517,515	(1)	-	-	-	(1)
1894.	1,999,506	14,996,295	(1)	-	-	-	(1)
1895.	1,767,754	13,258,155	(1)	-	-	-	(1)
1896.	1,741,530	13,061,475	(1)	-	-	-	(1)
1897.	2,147,113	16,103,348	(1)	-	-	-	(1)
1898.	2,450,000	18,375,000	(1)	-	-	-	(1)
1899.	(1)	(1)	(1)	-	-	-	(1)
1900.	(1)	(1)	(1)	-	-	-	(1)
1901.	3,812,335	28,592,512	$933,679	-	-	-	$2,473,489

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF THE MENHADEN FISHERY, 1873-1968 - Continued

YEAR	OIL			SOLUBLES			TOTAL
	GALLONS	POUNDS	VALUE	TONS	POUNDS	VALUE	VALUE
1902	(1)	(1)	(1)	-	-	-	(1)
1903	(1)	(1)	(1)	-	-	-	(1)
1904	(1)	(1)	(1)	-	-	-	(1)
1905	(1)	(1)	(1)	-	-	-	(1)
1906	3,004,050	22,530,375	(1)	-	-	-	(1)
1907	1,243,800	9,328,500	(1)	-	-	-	(1)
1908	3,096,850	23,226,375	(1)	-	-	-	(1)
1909	3,015,800	22,618,500	(1)	-	-	-	(1)
1910	3,778,600	28,339,500	(1)	-	-	-	(1)
1911	3,974,250	29,806,875	(1)	-	-	-	(1)
1912	6,651,203	49,884,022	$1,551,990	-	-	-	$3,690,155
1913	4,768,050	35,760,375	(1)	-	-	-	(1)
1914	3,563,650	26,727,375	(1)	-	-	-	(1)
1915	2,727,750	20,458,125	(1)	-	-	-	(1)
1916	4,011,500	30,086,250	(1)	-	-	-	(1)
1917	3,619,700	27,147,750	(1)	-	-	-	(1)
1918	3,943,100	29,573,250	(1)	-	-	-	(1)
1919	5,415,600	40,617,000	(1)	-	-	-	(1)
1920	5,842,300	43,817,250	(1)	-	-	-	(1)
1921	6,260,478	46,953,585	1,719,892	-	-	-	4,005,987
1922	7,102,677	53,270,078	2,904,833	-	-	-	6,126,591
1923	7,461,365	55,960,238	3,316,277	-	-	-	6,410,553
1924	3,923,905	29,429,288	1,817,626	-	-	-	3,310,176
1925	6,023,108	45,173,310	3,001,106	-	-	-	5,622,615
1926	3,942,821	29,571,158	1,729,160	-	-	-	3,441,760
1927	3,957,068	29,678,010	1,716,474	-	-	-	3,679,979
1928	3,585,569	26,891,768	1,455,376	-	-	-	3,440,265
1929	3,172,735	23,795,512	1,381,816	-	-	-	3,630,054
1930	3,191,265	23,934,488	648,954	-	-	-	2,672,167
1931	1,981,790	14,863,425	302,308	-	-	-	1,140,242
1932	2,997,098	22,478,235	273,486	-	-	-	1,180,067
1933	3,344,343	25,082,572	450,970	-	-	-	1,586,862
1934	3,612,364	27,092,730	705,657	-	-	-	2,334,913
1935	4,066,159	30,496,192	1,178,337	-	-	-	2,635,892
1936	4,880,879	36,606,592	1,249,708	-	-	-	3,021,033
1937	3,895,613	29,217,098	1,456,333	-	-	-	3,655,656
1938	4,189,129	31,418,468	1,173,667	-	-	-	3,169,223
1939	6,005,414	45,040,605	1,624,024	-	-	-	4,114,794
1940	5,774,671	43,310,032	1,304,720	-	-	-	3,999,482
1941	6,034,050	45,255,375	2,829,441	-	-	-	7,080,588
1942	5,128,760	38,465,700	3,200,129	-	-	-	6,642,928
1943	5,734,668	43,010,010	3,892,142	-	-	-	8,717,635
1944	6,067,111	45,503,332	3,725,498	-	-	-	8,749,826
1945	8,335,094	62,513,205	5,656,550	-	-	-	11,202,127
1946	9,758,648	73,189,860	9,033,032	-	-	-	17,716,625
1947	8,473,371	63,550,282	11,425,497	-	-	-	22,336,212
1948	8,763,939	65,729,542	10,132,179	-	-	-	21,693,093
1949	8,293,911	62,204,332	3,407,510	-	-	-	21,220,849
1950	10,209,958	76,574,685	5,866,554	-	-	-	18,731,305
1951	12,537,115	94,028,362	9,771,154	-	-	-	23,650,677
1952	12,888,646	96,664,845	5,785,395	-	-	-	23,632,756
1953	17,824,477	133,683,578	8,806,317	39,038	78,076,523	$3,592,551	34,166,073
1954	18,641,433	139,810,748	9,755,320	56,274	112,547,095	5,564,717	39,103,401
1955	21,232,141	159,241,058	12,195,454	61,938	123,876,901	4,396,642	42,049,608
1956	22,428,082	168,210,615	14,092,275	72,852	145,704,750	5,339,834	46,871,743
1957	15,797,919	118,484,392	9,466,198	69,399	138,797,027	5,615,490	36,807,576
1958	17,064,818	127,986,135	9,434,108	72,471	144,941,679	6,252,986	36,386,023
1959	20,628,278	154,712,085	10,743,781	108,079	216,158,510	5,852,514	42,988,282
1960	24,453,736	183,403,020	11,582,027	65,850	131,700,000	2,299,209	33,082,952
1961	31,355,570	235,166,775	12,913,447	73,305	146,610,000	3,142,397	41,908,342
1962	31,015,855	232,618,912	10,059,839	85,200	170,400,000	4,120,050	42,429,455
1963	21,630,273	167,634,616	9,853,302	74,831	149,662,000	4,485,957	36,602,579
1964	20,352,198	157,729,534	11,734,935	68,738	137,476,000	4,054,981	35,791,136
1965	22,606,930	175,203,708	13,240,988	73,180	146,360,000	4,666,145	43,776,147
1966	18,606,253	144,198,460	10,981,557	60,769	121,538,000	3,725,307	35,246,319
1967	13,081,791	101,383,880	4,736,298	51,770	103,540,000	3,079,869	23,081,536
1968	19,615,502	152,020,141	6,247,396	53,247	106,494,000	2,668,994	28,450,664

1/ DATA NOT AVAILABLE. 2/ DATA FOR CONNECTICUT ARE FOR 1900 WHILE THOSE FOR RHODE ISLAND, NEW YORK, DELAWARE AND NORTH CAROLINA ARE FOR 1906. 3/ IN ADDITION, 5,096,000 MISCELLANEOUS FISH WERE UTILIZED; THIS INCLUDED 180,000 IN CONNECTICUT AND NEW YORK, 4,900,000 IN MARYLAND AND VIRGINIA, 16,000 IN NORTH CAROLINA AND FLORIDA. 4/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH DRY SCRAP AND MEAL. NOTE:--THE FACTOR 7.75 HAS BEEN USED TO CONVERT GALLONS OF OIL TO POUNDS SINCE 1963; 7.5 HAS BEEN USED FOR PRIOR YEARS.

HISTORICAL FISHERY STATISTICS

AVERAGE MONTHLY PRICE OF MENHADEN MEAL, F.O.B. EAST COAST PORTS, 1952-68

Month	1952	1953 1/	1954	1955	1956	1957
	- - - - - - - -	- - - - - - - -	- - Dollars per short ton	- - - - - - - -	- - - - - - - -	- - - - - - - -
January. . .	135.60	139.80	(2)	151.87	150.10	140.50
February . .	135.60	(2)	(2)	156.00	142.62	139.38
March. . . .	135.60	(2)	(2)	151.25	138.38	137.75
April. . . .	135.60	135.60	(2)	145.75	134.38	133.20
May.	134.90	135.30	140.00	139.62	137.33	132.62
June	3/134.62	134.60	136.80	133.00	132.75	129.00
July	131.90	131.30	129.76	130.38	129.80	127.60
August . . .	131.25	132.17	132.11	131.10	134.00	130.12
September. .	135.76	134.20	136.06	136.38	135.88	131.25
October. . .	(2)	133.25	139.50	150.00	137.00	130.10
November . .	135.60	135.00	146.62	153.00	140.00	129.88
December . .	135.60	136.25	147.48	153.00	4/141.00	128.80

Month	1958	1959	1960	1961	1962	1963
	- - - - - - - -	- - - - - - - -	- - Dollars per short ton	- - - - - - - -	- - - - - - - -	- - - - - - - -
January. . .	5/128.25	162.50	113.38	90.90	120.40	131.35
February . .	3/129.00	162.75	108.50	94.50	122.00	129.00
March. . . .	131.88	161.20	105.30	100.63	123.00	126.15
April. . . .	134.50	155.17	103.25	105.17	124.00	126.50
May.	133.00	135.17	100.30	116.33	125.25	125.00
June	131.12	129.90	94.12	116.88	123.00	125.00
July	134.80	129.00	92.00	117.88	122.70	125.00
August . . .	135.50	127.50	91.40	117.70	123.25	125.00
September. .	138.50	124.40	92.50	117.75	123.75	125.00
October. . .	145.12	122.12	92.62	117.00	126.80	127.70
November . .	152.69	122.75	91.30	118.88	128.25	129.25
December . .	160.60	118.30	90.00	119.75	130.50	133.90

Month	1964	1965	1966	1967	1968
	- - - - - - - -	- - - - - - - -	- Dollars per short ton	- - - - - - - -	- - - - - - - -
January. . .	132.00	144.15	6/179.80	153.10	6/131.00
February . .	130.00	146.25	6/172.50	6/154.00	6/131.00
March. . . .	128.25	150.00	6/170.60	6/154.00	6/131.00
April. . . .	128.00	153.00	6/163.00	135.00	6/131.00
May.	128.25	156.00	6/153.80	135.80	6/131.00
June	129.80	160.90	160.35	139.00	149.00
July	130.90	170.25	164.00	137.40	149.65
August . . .	131.00	172.10	169.00	137.10	149.00
September. .	132.90	175.00	166.20	136.75	145.00
October. . .	140.20	185.40	160.00	136.00	141.60
November . .	140.75	186.00	151.15	6/132.00	140.50
December . .	140.75	186.00	153.10	6/131.60	145.10

1/ Baltimore quotations.
2/ Not available.
3/ Burlap and paper bags.
4/ F.o.b. North and South Carolina.
5/ In paper bags.
6/ Nominal price as presented in the Oil, Paint and Drug Reporter.

PRICES OF MENHADEN OIL, 1953-68

(CENTS PER POUND)

1953	
Week of:	Price
Jan. 7	--
Jan. 14	--
Jan. 21	7.5(E)
Jan. 28	7.5(E)
Feb. 4	7.5(E)
Feb. 11	7.0(E)
Feb. 18	7.0(E)
Feb. 25	7.0(E)
Mar. 4	7.5(E)
Mar. 11	7.5(E)
Mar. 18	7.50(E)
Mar. 25	7.5(E)
Apr. 1	7.50(E)
Apr. 8	7.50(E)
Apr. 15	7.50(E)
Apr. 22	7.50(E)
Apr. 29	7.50(E)
May 6	7.50(E)
May 13	7.50(E)
May 20	7.50(E)
May 27	7.50(E)
June 3	7.0(E)
June 10	Ask 7.0(E)
June 17	--
June 24	--
July 1	Ask 7.0Bd6.50(E)
July 8	Ask 7.0Bd6.50(E)
July 15	--
July 22	--
July 29	Ask 6.0(E)
Aug. 5	6.0(E)
Aug. 12	6.0(E)
Aug. 19	6.0(E)
Aug. 26	Ask 6.5Bd6.0(E)
Sept. 2	Ask 6.5Bd6.0(E)
Sept. 9	7.00(E)
Sept. 16	7.0(E)
Sept. 23	7.0(E)
Sept. 30	7.0(E)
Oct. 7	6.5(E)
Oct. 14	6.5(E)
Oct. 21	6.5(E)
Oct. 28	6.5(E)
Nov. 3	6.75(E)
Nov. 12	6.75(E)
Nov. 18	6.75(E)
Nov. 25	6.75(E)
Dec. 2	6.75(E)
Dec. 9	--
Dec. 16	--
Dec. 23	--
Dec. 30	--

1954	
Week of:	Price
Jan. 6	7.25(E)
Jan. 13	7.25(E)
Jan. 20	7.25(E)
Jan. 27	7.25(E)
Feb. 3	Ask 7.50(E)
Feb. 10	Ask 7.50(E)
Feb. 17	7.50(E)
Feb. 24	7.50(E)
Mar. 3	8.25(E)
Mar. 10	8.25(E)
Mar. 17	8.25(E)
Mar. 24	8.25(E)
Mar. 31	8.25(E)
Apr. 7	8.25(E)
Apr. 14	8.25(E)
Apr. 21	8.25(E)
Apr. 28	8.25(E)
May 5	--
May 12	--
May 19	7.75(E)
May 26	Ask 7.5(E)
June 2	7.50(E)
June 9	7.50(E)
June 16	Ask 7.0(E)
June 23	7.0(E)
June 30	6.75(E)
July 7	6.5(E)
July 14	6.38(B)
July 21	6.38(B)
July 28	6.25-6.50(E)
Aug. 4	6.75(B)
Aug. 11	6.75(B)
Aug. 18	7.0-7.25(E)
Aug. 25	Ask 8.0Bd7.75(E)
Sept. 1	Ask 8.0Bd7.75(E)
Sept. 8	7.25(E)
Sept. 15	7.50(E)
Sept. 22	7.50(E)
Sept. 29	8.0(E)
Oct. 6	8.0(E)
Oct. 13	8.0(E)
Oct. 20	8.0(E)
Oct. 27	8.0(E)
Nov. 3	8.0(E)
Nov. 10	8.0(E)
Nov. 17	8.0(E)
Nov. 24	8.0(E)
Dec. 1	8.0(E)
Dec. 8	8.0(E)
Dec. 15	8.5(E)
Dec. 22	8.5(E)
Dec. 29	Bd8.5(E)

1955	
Week of:	Price
Jan. 5	8.5(E)
Jan. 12	8.25(E)
Jan. 19	8.5(E)
Jan. 26	8.5(E)
Feb. 2	Ask 8.5Bd8.25(E)
Feb. 9	8.375(E)
Feb. 16	8.25(E)
Feb. 23	8.25(E)
Mar. 2	8.25(E)
Mar. 9	8.0(E)
Mar. 16	7.25(E)
Mar. 23	7.25(E)
Mar. 30	Ask 7.25Bd6.75(E)
Apr. 6	Ask 7.5(B)Bd7.0(E)
Apr. 13	Ask 7.5(B)Bd7.0(E)
Apr. 20	Ask 7.5Bd7.0(B)
Apr. 27	Ask 7.75Bd7.50(B)
May 4	Ask 7.75Bd7.50(B)
May 11	Ask 7.6Bd7.5(B)
May 18	Ask 7.75Bd7.50(B)
May 25	Ask 7.75Bd7.50(B)
June 1	Ask 7.75Bd7.50(B)
June 8	Ask 7.75Bd7.5(B)
June 15	Ask 7.75Bd7.5(B)
June 22	Ask 7.75Bd7.5(B)
June 29	Ask 7.25Bd7.0(B)
July 6	7.5(B)
July 13	Ask 8.0Bd7.75(B)
July 20	Ask 8.0Bd7.75(B)
July 27	Ask 8.0Bd7.75(B)
Aug. 3	Ask 8.0Bd7.75(B)
Aug. 10	Ask 8.0Bd7.75(B)
Aug. 17	Ask 8.0Bd7.75(B)
Aug. 24	7.75(B)
Aug. 31	7.75-8.0(B)
Sept. 7	7.75-8.25(B)
Sept. 14	8.0(B)
Sept. 21	8.0-8.25(B)
Sept. 28	8.25-8.5(B)
Oct. 5	8.25-8.50(B)
Oct. 13	8.25-8.75(B)
Oct. 19	8.25-8.75(E)
Oct. 26	8.25-8.75(E)
Nov. 2	8.75-9.0(E)
Nov. 9	8.5-9.0(E)
Nov. 16	8.5-9.0(E)
Nov. 23	8.5-8.75(E)
Nov. 30	8.75-9.0(E)
Dec. 7	8.75-9.0(B)
Dec. 14	8.25-8.75(E)
Dec. 21	8.625-9.0(E)
Dec. 28	8.625-8.75(E)

SEE NOTE AT END OF TABLE.

(Continued on next page)

PRICES OF MENHADEN OIL, 1953-68 - Continued

(CENTS PER POUND)

1956		1957		1958	
Week of:	Price	Week of:	Price	Week of:	Price
Jan. 4	8.75(E)	Jan. 2	9.75(E)	Jan. 8	8.5-8.75(B)
Jan. 11	8.75(E)	Jan. 9	9.75(E)	Jan. 15	8.75(B)
Jan. 18	8.75(E)	Jan. 16	9.75(E)	Jan. 22	8.75(B)
Jan. 25	8.75(E)	Jan. 23	9.25-9.75(E)	Jan. 29	8.75(B)
Feb. 1	8.75(E)	Jan. 30	9.25-9.50(E)	Feb. 5	8.5-8.75(B)
Feb. 8	8.75(E)	Feb. 6	9.50(E)	Feb. 12	8.5-8.75(B)
Feb. 15	8.5-8.75(E)	Feb. 13	9.25(E)	Feb. 19	8.5-8.625(B)
Feb. 22	8.625-8.75(E)	Feb. 20	9.25(E)	Mar. 5	8.50(B)
Feb. 29	8.75(E)	Feb. 27	8.50(E)	Mar. 12	8.50(B)
Mar. 7	8.625-8.75(E)	Mar. 6	8.25-8.50(E)	Mar. 19	8.40-8.50(B)
Mar. 14	8.625-8.75(E)	Mar. 13	8.375-9.00(E)	Mar. 26	8.375-8.50(B)
Mar. 21	8.625-8.75(E)	Mar. 20	8.375-9.00(E)	Apr. 2	8.25-8.50(B)
Mar. 28	8.625-8.75(E)	Mar. 27	8.25-8.75(E)	Apr. 9	8.25(B)
Apr. 4	8.75-8.875(E)	Apr. 3	8.25-8.75(E)	Apr. 16	8.25(B)
Apr. 11	8.75-9.0(E)	Apr. 10	8.25-8.50(E)	Apr. 23	8.25(B)
Apr. 18	8.75(E)	Apr. 17	8.50(E)	Apr. 30	7.50-8.0(B)
Apr. 25	9.0(E)	Apr. 24	8.50(E)	May 7	7.50-8.0(B)
May 2	9.125(E)	May 1	8.50(E)	May 14	7.50-8.0(B)
May 9	9.0-9.25(E)	May 8	8.50-8.75(E)	May 21	7.75(B)
May 16	9.0-9.25(B)	May 15	8.50-8.75(E)	May 28	7.625(B)
May 23	9.0-9.25(B)	May 22	8.25-8.50(E)	June 4	7.50(B)
May 30	9.0-9.25(B)	May 29	8.25-8.50(E)	June 11	7.25-7.5(B)
June 6	8.75(B)	June 5	8.25-8.50(E)	June 18	7.25(B)
June 13	8.5-8.625(B)	June 12	8.25(E)	June 25	7.25(B)
June 20	8.5-8.625(B)	June 19	8.75-9.0(E)	July 2	7.15(B)
June 27	8.5-8.625(B)	June 26	8.50(E)	July 9	7.25(B)
July 5	8.375(B)	July 3	8.25-8.5(B)	July 16	7.125(B)
July 12	8.5(B)	July 10	8.50(B)	July 23	7.125(B)
July 18	8.625(B)	July 17	8.50(B)	July 30	7.25-7.50(B)
July 25	8.625(B)	July 24	8.50(B)	Aug. 6	7.25-7.50(B)
Aug. 1	8.625(B)	Aug. 7	8.50(B)	Aug. 13	7.25-7.50(B)
Aug. 8	8.625(B)	Aug. 14	8.50(B)	Aug. 20	7.25-7.50(B)
Aug. 15	8.75(B)	Aug. 21	8.50-8.75(B)	Aug. 27	7.25-7.50(B)
Aug. 22	8.75(B)	Aug. 28	8.50-8.75(B)	Sept. 3	7.25(B)
Aug. 29	8.75(B)	Sept. 4	8.50(B)	Sept. 10	7.25(B)
Sept. 5	8.75(B)	Sept. 11	8.50(B)	Sept. 17	8.0(B)
Sept. 12	8.75-8.875(B)	Sept. 18	8.75(B)	Sept. 24	7.25-7.50(B)
Sept. 19	8.75-8.875(B)	Sept. 25	9.25(B)	Oct. 1	7.25-7.50(B)
Sept. 26	8.75-8.875(B)	Oct. 2	9.25(B)	Oct. 8	7.50(B)
Oct. 3	8.75-9.0(E)	Oct. 9	8.75-9.25(B)	Oct. 15	7.50(B)
Oct. 10	8.75-9.0(E)	Oct. 16	9.00-9.25(B)	Oct. 22	7.5(B)
Oct. 24	8.75(E)	Oct. 23	9.0(B)	Oct. 29	7.5(B)
Oct. 31	9.00(E)	Oct. 30	8.75-9.0(B)	Nov. 5	7.5(B)
Nov. 7	9.0-9.125(E)	Nov. 6	8.75-9.0(B)	Nov. 12	7.75(B)
Nov. 14	9.0-9.13(E)	Nov. 13	8.75-9.0(B)	Nov. 19	8.0(B)
Nov. 21	9.0-9.25(E)	Nov. 20	8.75-9.0(B)	Nov. 26	8.0(B)
Nov. 28	9.25-9.50(E)	Nov. 27	8.75(B)	Dec. 3	8.0(B)
Dec. 5	9.25-9.75(E)	Dec. 4	8.75(B)	Dec. 10	8.0(B)
Dec. 12	9.25-9.75(E)	Dec. 11	8.50-8.75(B)	Dec. 17	8.0(B)
Dec. 19	9.25-9.75(E)	Dec. 18	8.50-8.75(B)	Dec. 24	8.0(B)
Dec. 26	9.25-9.75(E)	Dec. 26	8.50-8.75(B)	Dec. 31	8.0(B)

SEE NOTE AT END OF TABLE.

(Continued on next page)

PRICES OF MENHADEN OIL, 1953-68 - Continued

(CENTS PER POUND)

1959		1960		1961	
Week of:	Price	Week of:	Price	Week of:	Price
Jan. 7	8.0(B)	Jan. 6	7.0-7.25(B)	Jan. 4	6.0-6.25(B)
Jan. 14	8.0(B)	Jan. 13	7.0-7.25(B)	Jan. 11	6.0-6.25(B)
Jan. 21	7.75(B)	Jan. 20	7.0(B)	Jan. 18	6.0-6.25(B)
Jan. 28	7.75(B)	Jan. 27	7.0(B)	Jan. 25	6.0-6.25(B)
Feb. 4	7.75(B)	Feb. 3	7.0(B)	Feb. 1	6.0-6.25(B)
Feb. 11	7.75(B)	Feb. 10	6.6-7.0(B)	Feb. 8	6.0-6.25(B)
Feb. 18	7.625(B)	Feb. 17	6.5-7.0(B)	Feb. 16	6.0-6.50(B)
Feb. 25	7.625(B)	Feb. 24	6.5-7.0(B)	Feb. 23	6.0-6.50(B)
Mar. 4	7.625(B)	Mar. 2	6.5-7.0(B)	Mar. 1	6.50(B)
Mar. 11	7.625(B)	Mar. 9	6.5-6.75(B)	Mar. 8	6.50(B)
Mar. 18	7.625(B)	Mar. 16	6.5-6.75(B)	Mar. 15	6.50(B)
Mar. 25	7.625(B)	Mar. 23	6.5-6.75(B)	Mar. 22	6.50(B)
		Mar. 30	6.25-6.75(B)	Mar. 29	6.50(B)
Apr. 1	7.625(B)	Apr. 6	6.5-6.75(B)	Apr. 5	6.5-7.0(B)
Apr. 8	7.625(B)	Apr. 13	6.5-6.75(B)	Apr. 12	6.5-6.75(B)
Apr. 16	7.625(B)	Apr. 20	6.5-6.75(B)	Apr. 19	6.5-6.75(B)
Apr. 22	7.5(B)	Apr. 27	6.25-6.75(B)	Apr. 26	6.5-6.75(B)
May 6	7.5(B)	May 4	6.25-6.75(B)	May 3	6.5-6.75(B)
May 13	7.5-7.75(B)	May 11	6.25-6.75(B)	May 10	6.75(B)
May 20	7.5-7.75(B)	May 18	6.25-6.75(B)	May 17	6.75(B)
May 27	7.5-7.75(B)	May 25	6.25-6.75(B)	May 24	6.75(B)
				May 31	6.75(B)
June 3	7.50-7.75(B)	June 1	6.25-6.75(B)	June 7	6.75(B)
June 10	7.50-7.75(B)	June 8	6.25-6.75(B)	June 14	6.75(B)
June 17	7.50-7.75(B)	June 15	6.25-6.50(B)	June 21	6.75(B)
June 24	7.25-7.50(B)	June 22	6.25-6.50(B)	June 28	6.5-6.75(B)
		June 29	6.25(B)		
July 1	7.25(B)	July 6	6.25(B)	July 5	6.5-6.75(B)
July 8	7.25(B)	July 13	6.25(B)	July 12	6.0-6.5(B)
July 15	7.25(B)	July 20	6.25(B)	July 19	6.0-6.5(B)
July 22	7.25(B)	July 27	6.25(B)	July 26	6.0-6.75(B)
July 29	7.25(B)				
Aug. 5	7.25(B)	Aug. 3	6.25(B)	Aug. 2	6.0-6.75(B)
Aug. 12	7.25(B)	Aug. 10	6.25(B)	Aug. 9	5.5-5.75(B)
Aug. 19	6.6-7.0(B)	Aug. 17	6.0-6.25(B)	Aug. 16	5.5-5.75(B)
Aug. 26	7.25(B)	Aug. 24	6.0-6.25(B)	Aug. 23	5.5-5.75(B)
		Aug. 31	6.25-6.50(B)	Aug. 30	5.5-5.75(B)
Sept. 2	7.25(B)	Sept. 7	6.0-6.5(B)	Sept. 6	5.5-5.75(B)
Sept. 9	7.25(B)	Sept. 14	6.0-6.5(B)	Sept. 13	5.5-5.75(B)
Sept. 16	7.25(B)	Sept. 21	6.0-6.5(B)	Sept. 20	5.0-5.5(B)
Sept. 23	7.25(B)	Sept. 28	6.0-6.5(B)	Sept. 27	5.0-5.5(B)
Sept. 30	7.25(B)				
Oct. 7	7.25(B)	Oct. 5	6.0-6.50(B)	Oct. 4	5.0-5.5(B)
Oct. 14	7.25(B)	Oct. 12	5.75-6.0(B)	OCt. 11	5.0-5.5(B)
Oct. 21	7.25(B)	Oct. 19	5.5-6.0(B)	Oct. 18	5.0-5.5(B)
Oct. 28	7.25(B)	Oct. 26	5.5-6.0(B)	Oct. 25	5.0-5.5(B)
Nov. 4	7.25(B)	Nov. 2	5.5-6.0(B)	Nov. 1	4.75-5.0(B)
Nov. 11	7.25(B)	Nov. 9	5.5-6.0(B)	Nov. 8	4.75-5.0(B)
Nov. 18	7.25(B)	Nov. 16	5.5-6.0(B)	Nov. 15	4.75-5.0(B)
Nov. 25	7.25(B)	Nov. 23	5.5-6.0(B)	Nov. 22	5.0-5.5(B)
		Nov. 30	5.75-6.25(B)	Nov. 29	5.0-5.5(B)
Dec. 2	7.25(B)	Dec. 7	5.75-6.25(B)	Dec. 6	5.0-5.5(B)
Dec. 9	7.25(B)	Dec. 14	5.75-6.25(B)	Dec. 13	4.5-5.0(B)
Dec. 16	7.0-7.25(B)	Dec. 21	5.75-6.25(B)	Dec. 20	4.5-5.0(B)
Dec. 23	7.0-7.25(B)	Dec. 28	5.75-6.25(B)	Dec. 27	4.5-5.0(B)
Dec. 30	7.0-7.25(B)				

SEE NOTE AT END OF TABLE.

(Continued on next page)

HISTORICAL FISHERY STATISTICS

PRICES OF MENHADEN OIL, 1953-68 - Continued

(CENTS PER POUND)

1962		1963		1964	
Week of:	Price	Week of:	Price	Week of:	Price
Jan. 3	4.5-5.0(B)	Jan. 2	Ask 4.0(E)	Jan. 8	8.25-8.50(E)
Jan. 10	4.5-5.0(B)	Jan. 9	4.25-4.5(E)	Jan. 15	8.25-8.50(E)
Jan. 17	4.5-5.0(B)	Jan. 16	4.25(E)	Jan. 22	8.25-8.50(E)
Jan. 24	4.5-5.0(B)	Jan. 23	5.5(E)	Jan. 29	8.25-8.50(E)
Jan. 31	4.5-5.0(B)	Jan. 30	5.5(E)		
Feb. 7	4.5-5.0(B)	Feb. 6	5.25-5.50(E)	Feb. 5	8.25-8.50(E)
Feb. 14	4.5-5.0(B)	Feb. 13	5.25-5.50(E)	Feb. 12	8.25(E)
Feb. 21	4.5-5.0(B)	Feb. 20	5.25-5.50(E)	Feb. 19	8.25-8.50(E)
Feb. 28	4.5-5.0(B)	Feb. 27	5.25-5.50(E)	Feb. 26	8.25-8.50(E)
Mar. 7	4.5-5.0(B)	Mar. 6	5.5(E)	Mar. 4	8.00-8.13(E)
Mar. 14	4.5-5.0(B)	Mar. 13	5.5(E)	Mar. 11	8.25(E)
Mar. 21	4.5-5.0(B)	Mar. 20	5.5(E)	Mar. 18	Ask 8.75(E)
Mar. 28	4.5-5.0(B)	Mar. 27	5.5(E)	Mar. 25	Ask 8.75(E)
Apr. 4	4.5-5.0(B)	Apr. 3	5.75(E)	Apr. 1	8.75(E)
Apr. 11	4.5-5.0(B)	Apr. 10	5.75(E)	Apr. 8	8.75(E)
Apr. 18	4.5-5.0(B)	Apr. 17	5.75(E)	Apr. 15	8.75(E)
Apr. 25	4.5-5.0(B)	Apr. 24	5.75(E)	Apr. 22	8.75(E)
				Apr. 29	8.75(E)
May 2	4.5-5.0(B)	May 1	--	May 6	8.50-8.75(E)
May 9	4.5-5.0(B)	May 8	--	May 13	8.50-8.75(E)
May 16	--	May 15	--	May 20	8.50-8.75(E)
May 23	4.5-4.75(E)	May 22	--	May 27	8.5-8.75(E)
May 30	4.5-4.75(E)	May 29	6.25-6.50(E)		
June 6	4.5-4.75(E)	June 5	--	June 3	8.5-8.75(E)
June 13	4.0-4.25(E)	June 12	6.25-6.50(E)	June 10	8.5-8.75(E)
June 20	--	June 19	6.5-6.75(E)	June 17	8.5-8.75(E)
June 27	--	June 26	--	June 24	8.5-9(E)
July 3	--	July 3	6.5(E)	July 1	8.5-9(E)
July 11	4.0-4.25(E)	July 10	6.5(E)	July 8	8.5-9(E)
July 18	4.0-4.25(E)	July 17	6.5(E)	July 15	8.5-9(E)
July 25	4.0-4.25(E)	July 24	7-7.25(E)	July 22	8.50-9(E)
		July 31	7-7.25(E)	July 29	8.50-9(E)
Aug. 1	4.25-4.5(E)	Aug. 7	7-7.25(E)	Aug. 5	8.50-9(E)
Aug. 8	Ask 4.25(E)	Aug. 14	7-7.25(E)	Aug. 12	8.50-9(E)
Aug. 15	Ask 4.25(E)	Aug. 21	7-7.25(E)	Aug. 19	8.5-9(E)
Aug. 22	Ask 4.25(E)	Aug. 28	7-7.25(E)	Aug. 26	8.75-9.25(E)
Aug. 29	Ask 4.25(E)				
Sept. 5	Ask 4.25(E)	Sept. 4	7.25(E)	Sept. 2	8.75-9.25(E)
Sept. 12	Ask 4.25(E)	Sept. 11	7.25(E)	Sept. 9	8.75-9.25(E)
Sept. 19	3.75-4.0(E)	Sept. 18	7.25-7.375(E)	Sept. 16	9-9.25(E)
Sept. 26	3.75-4.0(E)	Sept. 25	7.25-7.375(E)	Sept. 23	9-9.25(E)
				Sept. 30	8.75-9.25(E)
Oct. 3	3.75-4.0(E)	Oct. 2	7.25(E)	Oct. 7	8.75-9.25(E)
Oct. 10	3.75-4.0(E)	Oct. 9	7.25-7.75(E)	Oct. 14	9-9.5(E)
Oct. 17	Ask 4.0(E)	Oct. 16	7.5-8.00(E)	Oct. 21	9-9.5(E)
Oct. 24	Ask 4.0(E)	Oct. 23	7.5-8.00(E)	Oct. 28	9.25-9.5(E)
Oct. 31	Ask 4.0(B)	Oct. 30	7.5-8.00(E)		
Nov. 7	Ask 4.0(B)	Nov. 6	7.5-8.00(E)	Nov. 4	9.25-9.5(E)
Nov. 14	Ask 4.0(B)	Nov. 13	7.5-8.00(E)	Nov. 12	9.25-9.5(E)
Nov. 21	Ask 4.0(B)	Nov. 20	7.5-8.00(E)	Nov. 18	9.25-9.5(E)
Nov. 28	Ask 4.0(B)	Nov. 27	7.5-8.00(E)	Nov. 25	9.25-9.5(E)
Dec. 5	Ask 4.0(B)	Dec. 4	7.5-8.00(E)	Dec. 2	9.25-9.5(E)
Dec. 12	Ask 4.0(E)	Dec. 11	7.75-8.00(E)	Dec. 9	9.25-9.5(E)
Dec. 19	Ask 4.0(E)	Dec. 18	8.0-8.25(E)	Dec. 16	9.25-9.5(E)
Dec. 26	Ask 4.0(E)	Dec. 24	8.0-8.25(E)	Dec. 23	9.25-9.5(E)
		Dec. 31	8.0-8.25(E)	Dec. 30	9.25-9.5(E)

SEE NOTE AT END OF TABLE.

(Continued on next page)

PRICES OF MENHADEN OIL, 1953-68 - Continued

(CENTS PER POUND)

1965		1966		1967	
Week of:	Price	Week of:	Price	Week of:	Price
Jan. 6	9-9.25(E)	Jan. 5	9.00-9.50(E)	Jan. 4	8.75-9.00(E)
Jan. 13	9-9.25(E)	Jan. 12	9.50(E)	Jan. 11	8.75-9.00(E)
Jan. 20	9-9.25(E)	Jan. 19	9.50(E)	Jan. 18	8.75-9.00(E)
Jan. 27	9-9.5(E)	Jan. 26	9.50(E)	Jan. 25	8.75-9.00(E)
Feb. 3	9-9.25(E)	Feb. 2	9.50(E)	Feb. 1	8.75-9.00(E)
Feb. 10	9-9.75(E)	Feb. 9	9.50-10(E)	Feb. 8	8.75-9.00(E)
Feb. 17	9-9.75(E)	Feb. 16	9.50-10(E)	Feb. 15	8.75-9.00(E)
Feb. 24	9-9.75(E)	Feb. 23	9.50-10(E)	Feb. 21	8.75-9.00(E)
Mar. 3	9-9.75(E)	Mar. 2	9.50-10(E)	Mar. 1	8.75-9.00(E)
Mar. 10	9.25-9.75(E)	Mar. 9	9.50-10(E)	Mar. 8	8.50-8.75(E)
Mar. 17	9.25-9.75(E)	Mar. 16	9.50-10(E)	Mar. 15	8.50-8.75(E)
Mar. 24	9.25-9.75(E)	Mar. 23	9.50-10(E)	Mar. 22	8.50-8.75(E)
Mar. 31	9.25-9.75(E)	Mar. 30	9.50-10(E)	Mar. 29	8.50-8.75(E)
Apr. 7	9.25-9.75(E)	Apr. 6	9.50-10(E)	Apr. 5	7.50-8.00(E)
Apr. 14	9.00-9.50(E)	Apr. 13	9.50-10(E)	Apr. 12	7.00-7.25(E)
Apr. 21	9.50-9.75(E)	Apr. 20	9.50-10(E)	Apr. 19	7.00-7.25(E)
Apr. 28	9.50-9.75(E)	Apr. 27	9.50-10(E)	Apr. 26	6.75-7.00(E)
May 5	9.50-9.75(E)	May 4	9.50-10(E)	May 3	6.75-7.00(E)
May 12	9.00-9.25(E)	May 11	9.50-10(E)	May 10	6.75-7.00(E)
May 19	9.00-9.75(E)	May 18	9.50-10(E)	May 17	6.75-7.00(E)
May 26	9.00-9.75(E)	May 25	9.50-10(E)	May 24	6.75-7.00(E)
				May 31	7.00(E)
June 2	9.00-9.50(E)	June 1	9.50-10(E)	June 7	7.00(E)
June 9	9.00-9.25(E)	June 8	9.50-10(E)	June 14	7.00(E)
June 16	9.00-9.25(E)	June 15	9.25-9.75(E)	June 21	7.00(E)
June 23	8.50-9.50(E)	June 22	9.50-10(E)	June 28	6.75-7.00(E)
June 30	9.00-9.50(E)	June 29	9.25-9.75(E)		
July 7	9.00-9.50(E)	July 6	9-9.75(E)	July 5	6.75-7.00(E)
July 14	8.75-9.00(E)	July 13	9-9.75(E)	July 12	6.75-7.00(E)
July 21	8.75-9.00(E)	July 20	9-9.75(E)	July 19	6.75-7.00(E)
July 28	8.75-9.00(E)	July 27	9-9.75(E)	July 26	6.00-6.25(E)
Aug. 4	8.75-9.00(E)	Aug. 3	9-9.75(E)	Aug. 2	6.00-6.25(E)
Aug. 11	9.25-9.50(E)	Aug. 10	8.75-9(E)	Aug. 9	6.00(E)
Aug. 18	9.25-9.50(E)	Aug. 17	8.75-9(E)	Aug. 16	6.00(E)
Aug. 25	9.50-9.75(E)	Aug. 24	8.75-9(E)	Aug. 23	6.00(E)
		Aug. 31	8.75-9(E)	Aug. 30	6.00(E)
Sept. 1	9.50-9.75(E)	Sept. 7	9.25-9.50(E)	Sept. 6	5.75(E)
Sept. 8	9.25-9.75(E)	Sept. 14	9.25-9.50(E)	Sept. 13	5.75(E)
Sept. 15	9.25-9.75(E)	Sept. 21	9.25-9.75(E)	Sept. 20	5.75(E)
Sept. 22	9.25-9.75(E)	Sept. 28	9.25-9.75(E)	Sept. 27	6.00(E)
Sept. 29	9.25-9.75(E)				
Oct. 6	9.50(E)	Oct. 5	9.25-9.75(E)	Oct. 4	6.00(E)
Oct. 13	9.50(E)	Oct. 12	9.25-9.75(E)	Oct. 11	6.00(E)
Oct. 20	9.50(E)	Oct. 19	9.25-9.75(E)	Oct. 18	6.00(E)
Oct. 27	9.50(E)	Oct. 26	9.25-9.50(E)	Oct. 25	6.00(E)
Nov. 3	9.50(E)	Nov. 2	9.25-9.50(E)	Nov. 1	6.00(E)
Nov. 10	9.50(E)	Nov. 9	9.25-9.50(E)	Nov. 8	6.00(E)
Nov. 17	9.50(E)	Nov. 16	9-9.25(E)	Nov. 15	6.00(E)
Nov. 24	9.50(E)	Nov. 23	9-9.25(E)	Nov. 22	6.00(E)
		Nov. 30	8.75-9(E)	Nov. 29	6.00(E)
Dec. 1	9.50(E)	Dec. 7	8.75-9(E)	Dec. 6	6.00(E)
Dec. 8	9.50(E)	Dec. 14	8.75-9(E)	Dec. 13	6.00(E)
Dec. 15	9.50(E)	Dec. 21	8.75-9(E)	Dec. 20	6.00(E)
Dec. 22	9.50(E)	Dec. 28	8.75-9(E)	Dec. 27	6.00(E)
Dec. 29	9.50(E)				

SEE NOTE AT END OF TABLE.

(Continued on next page)

PRICES OF MENHADEN OIL, 1953-68 - Continued

(CENTS PER POUND)

1968

Week of:	Price
Jan. 2	6.00(E)
Jan. 9	6.00(E)
Jan. 16	6.00(E)
Jan. 23	6.00(E)
Feb. 6	6.00-6.25(E)
Feb. 13	6.00-6.25(E)
Feb. 20	6.00-6.25(E)
Feb. 27	6.00-6.25(E)
Mar. 5	5.50-6.00(E)
Mar. 12	5.50-6.00(E)
Mar. 19	5.50-6.00(E)
Mar. 26	5.50-6.00(E)
Apr. 2	5.50-6.00(E)
Apr. 9	5.00-5.50(E)
Apr. 16	5.00-5.50(E)
Apr. 23	5.00-5.50(E)
May 1	5.00-5.50(E)
May 7	5.00-5.50(E)
May 14	4.75-5.75(E)
May 21	4.75-5.75(E)
May 28	4.75-5.75(E)
June 4	4.75-5.75(E)
June 11	4.75-5.75(E)
June 18	4.75-5.75(E)
June 25	4.75-5.75(E)
July 2	4.50-5.50(E)
July 9	4.50-5.50(E)
July 16	4.50-5.00(E)
July 23	4.50-5.00(E)
July 30	4.50-5.00(E)
Aug. 6	4.50-5.00(E)
Aug. 13	4.00-5.00(E)
Aug. 20	4.00-5.00(E)
Aug. 27	4.00-5.00(E)
Sept. 3	4.00-5.00(E)
Sept. 10	4.00-5.00(E)
Sept. 17	3.75-4.75(E)
Sept. 24	3.75-4.75(E)
Oct. 1	3.75-4.75(E)
Oct. 8	4.125-5.00(E)
Oct. 15	4.125-5.00(E)
Oct. 22	4.125-5.00(E)
Oct. 29	4.50-5.00(E)
Nov. 5	4.50-5.00(E)
Nov. 12	4.125-4.50(E)
Nov. 19	4.125-4.50(E)
Nov. 26	4.125-4.50(E)
Dec. 3	4.125-4.50(E)
Dec. 10	4.125-4.50(E)
Dec. 17	4.25-4.50(E)
Dec. 24	4.25-4.75(E)

Note:--Range of prices reported by New York or Baltimore brokers in cents per-pound f.o.b. plant or point indicated generally for tank car lots. Symbols used: Preceding price: "Bd" - bid; Following price: "B" - f.o.b. Baltimore and "E" - f.o.b. East Coast.

HISTORICAL FISHERY STATISTICS

AVERAGE MONTHLY PRICE OF MENHADEN SOLUBLES,[1/] F.O.B. EAST COAST PLANTS, 1959-68

Month	1959	1960	1961	1962	1963
	Dollars per short ton				
January. . .	103.75	45.94	36.00	58.00	65.00
February . .	97.50	42.81	36.87	58.75	66.25
March. . . .	96.25	40.60	37.50	59.60	62.50
April. . . .	95.19	41.88	37.81	59.70	61.25
May.	82.50	40.50	44.00	56.25	61.25
June	76.00	37.50	45.31	53.10	61.25
July	72.19	37.50	45.00	53.25	61.25
August . . .	65.00	37.50	48.25	54.00	61.75
September. .	58.70	37.50	49.69	55.40	64.10
October. . .	52.50	37.50	53.25	58.30	66.55
November . .	52.50	37.26	57.18	64.95	75.00
December . .	47.75	35.62	57.18	64.15	75.65

Month	1964	1965	1966	1967	1968
	Dollars per short ton				
January. . .	75.00	58.60	66.25	80.85	60.50
February . .	75.00	59.40	66.50	79.00	63.75
March. . . .	62.25	61.25	66.70	70.75	61.25
April. . . .	62.25	56.25	68.75	64.60	56.25
May.	62.25	53.75	68.75	64.00	54.05
June	62.25	55.75	68.75	64.40	53.75
July	62.25	56.85	68.75	64.05	53.50
August . . .	61.95	60.00	68.75	62.85	52.50
September. .	61.20	61.25	72.50	61.25	51.90
October. . .	61.05	63.95	78.75	60.75	51.50
November . .	61.25	65.25	79.25	60.00	51.55
December . .	61.25	66.25	81.90	60.00	51.25

[1/] In tank cars; prices quoted at New York City.

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH MEAL AND SCRAP, 1929-68

PRODUCT	1929		1930	
	TONS	VALUE	TONS	VALUE
ALEWIFE	546	$26,644	1,010	$46,254
GROUNDFISH (INCLUDING OCEAN PERCH)	13,306	891,249	13,702	836,887
HERRING:				
MAINE	2,184	123,227	2,229	83,142
ALASKA	12,750	734,246	11,706	655,050
MENHADEN:				
ACID SCRAP	23,089	622,544	15,725	395,295
DRY SCRAP AND MEAL	33,041	1,625,694	32,987	1,627,918
SARDINE, PACIFIC	36,500	1,960,603	25,938	1,414,858
SALMON	2,427	140,961	2,487	136,745
TUNA AND MACKEREL	6,683	328,113	8,554	428,556
WHALE	1,415	72,174	1,170	51,400
CRAB	1,468	39,861	2,899	64,540
SHRIMP	2,153	73,429	2,386	74,287
OTHER	7,119	162,617	8,058	273,797
TOTAL	142,681	6,801,362	128,851	6,088,729

PRODUCT	1931		1932	
	TONS	VALUE	TONS	VALUE
ALEWIFE	515	$19,113	705	$17,239
GROUNDFISH (INCLUDING OCEAN PERCH)	12,520	731,626	10,451	409,613
HERRING:				
MAINE	1,587	37,257	654	14,456
ALASKA	7,911	272,825	9,609	229,906
MENHADEN:				
ACID SCRAP	8,771	136,393	6,841	72,892
DRY SCRAP AND MEAL	21,093	701,541	36,544	833,689
SARDINE, PACIFIC	16,319	610,462	25,445	587,528
SALMON	2,435	108,682	1,389	35,604
TUNA AND MACKEREL	5,130	171,168	4,170	93,585
WHALE	-	-	1,045	13,870
CRAB	3,266	64,564	1,292	17,045
SHRIMP	1,282	24,985	685	10,082
OTHER	3,354	107,779	2,908	70,997
TOTAL	84,183	2,986,395	101,738	2,406,506

PRODUCT	1933		1934	
	TONS	VALUE	TONS	VALUE
ALEWIFE	612	$15,777	520	$16,508
GROUNDFISH (INCLUDING OCEAN PERCH)	9,613	422,311	11,214	522,804
HERRING:				
MAINE	898	24,601	1,224	34,741
ALASKA	11,015	349,522	13,955	442,217
MENHADEN:				
ACID SCRAP	9,481	173,280	22,051	381,559
DRY SCRAP AND MEAL	31,453	962,612	37,935	1,247,697
SARDINE, PACIFIC	50,581	1,530,218	89,280	2,878,269
SALMON	1,657	50,477	1,737	46,468
TUNA AND MACKEREL	7,282	188,854	10,028	289,407
WHALE	517	13,773	1,349	37,505
CRAB	1,922	37,417	2,121	42,337
SHRIMP	1,179	24,540	1,383	24,732
OTHER	3,781	83,914	4,627	122,967
TOTAL	129,991	3,877,296	197,424	6,087,211

PRODUCT	1935		1936	
	TONS	VALUE	TONS	VALUE
ALEWIFE	528	$15,311	557	$16,502
GROUNDFISH (INCLUDING OCEAN PERCH)	13,772	552,669	16,937	726,140
HERRING:				
MAINE	1,445	54,884	2,587	71,343
ALASKA	15,061	357,728	14,193	522,014
MENHADEN:				
ACID SCRAP	29,890	524,870	23,482	359,615
DRY SCRAP AND MEAL	30,416	932,685	42,411	1,411,710
SARDINE, PACIFIC	95,846	2,638,382	121,739	3,968,305
SALMON	1,109	30,739	1,657	55,128
TUNA AND MACKEREL	12,721	333,205	11,847	359,409
WHALE	1,339	31,540	1,184	37,884
CRAB	2,588	50,838	2.247	54,165
SHRIMP	2,371	50,593	1,896	37,471
OTHER	5,317	137,773	3,041	76,712
TOTAL	212,403	5,711,217	243,778	7,696,398

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH MEAL AND SCRAP, 1929-68 - Continued

PRODUCT	1937		1938	
	TONS	VALUE	TONS	VALUE
ALEWIFE	750	$31,327	212	$8,681
GROUNDFISH (INCLUDING OCEAN PERCH)	17,828	565,458	13,443	609,302
HERRING:				
MAINE	1,644	51,113	1,652	42,974
ALASKA	18,816	629,269	16,095	549,614
MENHADEN:				
ACID SCRAP	31,600	618,104	21,814	418,936
DRY SCRAP AND MEAL	35,801	1,581,219	39,274	1,576,620
SARDINE, PACIFIC	89,422	3,325,282	89,927	3,437,892
SALMON	1,608	49,356	1,846	61,807
TUNA AND MACKEREL	13,066	456,358	11,224	409,211
WHALE	1,205	32,805	612	21,414
CRAB	1,863	46,625	1,893	39,039
SHRIMP	1,452	33,793	1,596	33,163
OTHER	4,602	140,806	5,628	209,510
TOTAL	219,657	7,561,515	205,216	7,418,163

PRODUCT	1939		1940	
	TONS	VALUE	TONS	VALUE
ALEWIFE	419	$17,060	618	$29,575
GROUNDFISH (INCLUDING OCEAN PERCH)	16,598	840,605	14,920	748,355
HERRING:				
MAINE	1,597	72,562	1,522	48,886
ALASKA	16,625	690,857	7,694	331,248
MENHADEN:				
ACID SCRAP	15,853	265,850	15,520	271,533
DRY SCRAP AND MEAL	52,950	2,224,920	56,249	2,423,229
SARDINE, PACIFIC	96,947	4,103,638	69,975	3,007,705
SALMON	1,848	73,224	969	47,914
TUNA AND MACKEREL	12,084	464,578	14,955	610,007
WHALE	515	17,860	-	-
CRAB	2,999	68,255	2,642	54,212
SHRIMP	2,320	52,834	1,716	49,810
OTHER	5,347	201,354	6,464	211,347
TOTAL	226,102	9,093,597	193,244	7,833,821

PRODUCT	1941		1942	
	TONS	VALUE	TONS	VALUE
ALEWIFE	1,054	$51,751	623	$42,935
GROUNDFISH (INCLUDING OCEAN PERCH)	20,948	1,139,839	22,907	1,512,539
HERRING:				
MAINE	756	29,275	2,720	148,816
ALASKA	11,764	817,841	2,871	237,243
MENHADEN:				
ACID SCRAP	11,029	242,792	2,594	80,520
DRY SCRAP AND MEAL	75,316	4,008,355	50,504	3,362,279
SARDINE, PACIFIC	97,979	5,942,272	71,828	5,310,037
SALMON	1,892	99,198	1,538	93,653
TUNA AND MACKEREL	8,693	484,886	7,144	465,481
WHALE	9	283	60	2,100
CRAB	1,898	52,600	4,345	149,409
SHRIMP	1,798	43,553	820	39,566
OTHER	3,708	182,928	3,126	181,181
TOTAL	236,844	13,095,573	171,080	11,625,759

PRODUCT	1943		1944	
	TONS	VALUE	TONS	VALUE
ALEWIFE	757	$51,431	863	$57,966
GROUNDFISH (INCLUDING OCEAN PERCH)	18,685	1,208,183	22,222	1,528,148
HERRING:				
MAINE	2,783	147,859	6,090	336,108
ALASKA	6,387	542,421	8,122	708,753
MENHADEN:				
ACID SCRAP	1,555	58,821	2,922	111,104
DRY SCRAP AND MEAL	66,357	4,766,672	69,170	4,913,224
SARDINE, PACIFIC	75,611	5,775,932	86,196	6,582,600
SALMON	1,346	76,772	625	41,625
TUNA AND MACKEREL	7,766	505,199	9,648	644,458
WHALE	42	2,344	17	1,030
CRAB	3,824	152,351	3,300	150,004
SHRIMP	1,317	86,435	950	61,178
OTHER	3,973	254,732	3,022	106,824
TOTAL	190,403	13,629,152	213,147	15,243,022

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH MEAL AND SCRAP, 1929-68 - Continued

PRODUCT	1945		1946	
	TONS	VALUE	TONS	VALUE
ALEWIFE	320	$21,200	-	-
GROUNDFISH (INCLUDING OCEAN PERCH)	22,471	1,567,510	20,070	$1,549,825
HERRING:				
MAINE	4,289	248,341	4,514	320,738
ALASKA	10,055	871,701	14,991	1,928,204
MENHADEN:				
ACID SCRAP	1,557	62,200	2,022	78,475
DRY SCRAP AND MEAL	77,451	5,483,377	94,622	8,605,118
SARDINE, PACIFIC	60,860	4,643,694	36,899	5,233,075
SALMON	1,082	69,966	1,304	151,773
TUNA AND MACKEREL	10,273	705,976	13,584	1,743,189
CRAB	4,679	215,980	5,273	244,840
SHRIMP	1,330	84,898	1,133	86,503
OTHER	6,308	430,495	5,209	497,683
TOTAL	200,675	14,405,338	199,621	20,439,423

PRODUCT	1947		1948	
	TONS	VALUE	TONS	VALUE
GROUNDFISH (INCLUDING OCEAN PERCH)	18,907	$1,948,348	21,780	$2,872,544
HERRING:				
MAINE	4,675	466,889	4,632	431,221
ALASKA	13,762	2,179,880	12,935	1,617,357
MENHADEN:				
ACID SCRAP	632	26,863	(1)	(1)
DRY SCRAP AND MEAL	98,602	10,883,852	104,058	11,560,914
SARDINE, PACIFIC	16,715	2,556,038	19,076	2,614,616
SALMON	1,015	143,960	1,152	112,223
TUNA AND MACKEREL	19,761	2,998,321	21,305	2,757,778
WHALE	132	12,668	129	8,420
CRAB	5,339	296,172	5,151	266,761
SHRIMP	577	48,782	724	49,016
OTHER	6,322	818,578	8,602	797,884
TOTAL	186,439	22,380,351	199,544	23,088,734

PRODUCT	1949		1950	
	TONS	VALUE	TONS	VALUE
GROUNDFISH (INCLUDING OCEAN PERCH)	31,425	$5,221,652	26,953	$3,604,741
HERRING:				
MAINE	3,049	463,737	5,484	596,410
ALASKA	4,497	509,708	12,313	1,542,366
MENHADEN	113,393	17,813,339	103,365	12,864,751
SARDINE, PACIFIC	39,278	6,219,717	43,009	5,269,696
SALMON	1,760	245,847	1,401	152,730
TUNA AND MACKEREL	19,139	3,073,742	25,377	3,268,594
WHALE	117	16,088	-	-
CRAB	7,813	478,774	8,829	479,300
SHRIMP	1,283	115,292	1,424	111,740
OTHER	15,426	1,494,246	11,799	1,363,407
TOTAL	237,180	35,652,142	239,954	29,253,735

PRODUCT	1951		1952	
	TONS	VALUE	TONS	VALUE
GROUNDFISH (INCLUDING OCEAN PERCH)	23,661	$3,063,319	18,528	$2,636,928
HERRING:				
MAINE	3,926	492,405	6,665	796,413
ALASKA	5,595	865,813	3,087	504,927
MENHADEN	115,464	13,879,523	144,025	17,847,361
SARDINE, PACIFIC	17,225	2,266,968	390	51,741
SALMON	2,460	278,146	1,634	195,934
TUNA AND MACKEREL	23,147	3,021,720	21,951	2,892,874
WHALE	105	11,000	-	-
CRAB	9,829	565,667	9,554	585,178
SHRIMP	1,051	75,165	1,034	87,432
OTHER	7,293	854,171	14,535	1,562,866
TOTAL	209,756	25,373,897	221,403	27,161,654

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH MEAL AND SCRAP, 1929-68 - Continued

PRODUCT	1953		1954	
	TONS	VALUE	TONS	VALUE
GROUNDFISH (INCLUDING OCEAN PERCH).	16,350	$2,298,538	7,236	$934,585
HERRING:				
MAINE	3,005	365,547	4,544	549,227
ALASKA.	2,201	351,925	2,429	379,635
MENHADEN.	174,752	21,767,205	183,091	23,783,364
SARDINE, PACIFIC.	144	18,966	6,513	842,649
SALMON.	1,492	185,342	1,168	137,554
TUNA AND MACKEREL	20,029	2,622,631	21,576	2,850,605
CRAB.	8,726	518,382	10,303	608,407
SHRIMP.	1,000	80,036	885	51,098
OTHER	11,152	1,351,081	19,222	2,616,873
TOTAL.	238,851	29,559,653	256,967	32,753,997

PRODUCT	1955		1956	
	TONS	VALUE	TONS	VALUE
ALEWIFE	320	$43,200	1,773	$238,279
GROUNDFISH (INCLUDING OCEAN PERCH).	6,121	815,495	4,677	613,702
HERRING:				
MAINE	3,202	417,490	3,488	465,472
ALASKA.	4,469	745,974	7,810	1,097,150
MENHADEN.	190,628	25,457,512	210,582	27,439,634
SARDINE, PACIFIC.	6,966	968,908	2,809	369,867
SALMON.	733	88,575	586	59,510
TUNA AND MACKEREL	23,396	3,120,302	26,266	3,355,069
WHALE	-	-	768	92,154
CRAB.	8,472	465,736	9,702	476,368
SHRIMP.	518	34,470	561	33,865
OTHER	19,677	2,591,806	26,771	3,645,821
TOTAL.	264,502	34,749,468	295,793	37,886,891

PRODUCT	1957		1958	
	TONS	VALUE	TONS	VALUE
ALEWIFE	1,583	$214,160	850	$106,800
GROUNDFISH (INCLUDING OCEAN PERCH).	6,818	884,360	-	-
HERRING:				
MAINE	5,051	650,914	3,389	416,466
ALASKA.	8,799	1,205,032	6,253	965,401
MENHADEN.	172,388	21,725,888	158,074	20,698,929
SARDINE, PACIFIC.	1,474	183,330	10,756	1,390,200
TUNA AND MACKEREL	25,716	3,037,436	25,311	3,185,772
WHALE	1,247	202,688	1,924	269,315
CRAB.	9,080	469,123	8,848	482,344
SHRIMP.	404	23,346	581	29,622
OTHER	31,525	3,995,478	32,154	4,213,730
TOTAL.	264,085	32,591,755	248,140	31,758,579

PRODUCT	1959		1960	
	TONS	VALUE	TONS	VALUE
ALEWIFE	462	$57,750	1,092	$96,600
GROUNDFISH (INCLUDING OCEAN PERCH).	17,969	2,335,970	11,557	1,444,625
HERRING, MAINE AND ALASKA	11,963	1,589,237	9,151	834,426
MENHADEN.	223,893	26,391,987	218,423	19,201,716
SARDINE, PACIFIC.	2,927	323,999	3,508	316,463
TUNA AND MACKEREL	25,380	2,847,204	26,499	2,318,877
WHALE	1,881	263,374	1,486	135,271
CRAB.	9,206	444,462	8,487	343,013
SHRIMP.	627	38,657	179	9,766
OTHER	12,243	1,633,225	9,755	580,831
TOTAL.	306,551	35,925,865	290,137	25,281,588

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH MEAL AND SCRAP, 1929-68 - Continued

PRODUCT	1961		1962	
	TONS	VALUE	TONS	VALUE
ALEWIFE	122	$15,250	2,247	$262,950
GROUNDFISH (INCLUDING OCEAN PERCH)	14,853	1,633,830	15,501	1,937,625
HERRING, MAINE AND ALASKA	5,268	619,934	5,095	688,984
MENHADEN	247,551	25,852,498	239,707	28,249,566
SARDINE, PACIFIC	2,518	257,171	702	73,260
TUNA AND MACKEREL	21,243	2,056,426	26,559	2,578,761
WHALE	1,658	203,096	1,438	160,278
CRAB	10,502	425,797	11,083	457,536
SHRIMP	296	11,425	208	16,725
OTHER	7,254	864,409	9,719	1,147,545
TOTAL	311,265	31,939,836	312,259	35,573,230

PRODUCT	1963		1964	
	TONS	VALUE	TONS	VALUE
ALEWIFE	713	$90,126	1,651	$205,569
GROUNDFISH (INCLUDING OCEAN PERCH)	16,085	2,010,625	10,264	1,347,243
HERRING, MAINE AND ALASKA	7,537	856,432	8,881	1,102,522
MENHADEN	184,205	22,263,320	160,349	20,001,220
SARDINE, PACIFIC	(2)	(2)	(2)	(2)
TUNA AND MACKEREL	26,957	2,943,109	21,113	2,229,443
WHALE	1,318	153,040	1,664	155,359
CRAB	7,610	334,289	9,723	439,440
SHRIMP	247	15,857	377	15,430
OTHER	11,235	1,568,351	21,230	2,448,632
TOTAL	255,907	30,235,149	235,252	27,944,858

PRODUCT	1965		1966	
	TONS	VALUE	TONS	VALUE
ALEWIFE	(2)	(2)	3,746	$506,371
ANCHOVY	(2)	(2)	4,468	675,748
GROUNDFISH (INCLUDING OCEAN PERCH)	10,696	$1,694,360	(2)	(2)
HERRING, MAINE AND ALASKA	12,932	2,005,617	11,860	1,971,118
MENHADEN	175,959	25,869,014	134,954	20,539,455
THREAD HERRING	-	-	(2)	(2)
TUNA AND MACKEREL	25,399	3,032,063	25,290	3,199,211
WHALE	1,390	202,935	1,094	131,300
CRAB	11,525	557,458	11,237	568,629
SHRIMP	(2)	(2)	506	23,200
OTHER	16,150	2,345,614	30,998	4,700,581
TOTAL	254,051	35,707,061	224,153	32,315,613

PRODUCT	1967		1968	
	TONS	VALUE	TONS	VALUE
ALEWIFE	5,123	$614,760	1,662	$206,270
ANCHOVY	5,575	722,475	2,762	336,523
GROUNDFISH (INCLUDING OCEAN PERCH)	5,702	786,590	7,249	973,530
HERRING, MAINE AND ALASKA	9,492	1,328,183	15,411	2,127,988
MENHADEN	119,135	15,265,369	143,154	19,534,274
THREAD HERRING	2,113	259,690	1,583	207,352
TUNA AND MACKEREL	25,487	2,757,513	28,781	2,955,047
WHALE	1,112	133,432	1,095	131,242
CRAB	9,424	508,519	7,605	398,155
SHRIMP	325	16,877	493	21,678
OTHER	27,701	3,644,876	25,341	3,369,269
TOTAL	211,189	26,038,284	235,136	30,261,328

1/ A SMALL PRODUCTION OF ACIDULATED SCRAP IS INCLUDED WITH DRY SCRAP AND MEAL FROM 1948-52.

2/ INCLUDED IN OTHER.

DOMESTIC PRODUCTION OF FISH AND MARINE-ANIMAL OILS, 1921-68

(IN THOUSANDS)

YEAR	MENHADEN			HERRING		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
1921	46,954	6,260	1,720	847	113	27
1922	53,270	7,103	2,905	3,375	450	150
1923	55,960	7,461	3,316	7,087	945	384
1924	29,429	3,924	1,818	9,930	1,324	571
1925	45,173	6,023	3,001	18,322	2,443	1,034
1926	29,571	3,943	1,729	23,377	3,117	1,383
1927	29,678	3,957	1,716	17,190	2,292	960
1928	26,892	3,586	1,455	20,572	2,743	1,086
1929	23,796	3,173	1,382	26,332	3,511	1,469
1930	23,934	3,191	649	27,727	3,697	913
1931	14,863	1,982	302	16,830	2,244	389
1932	22,478	2,997	273	19,013	2,535	260
1933	25,083	3,344	451	23,805	3,174	402
1934	27,093	3,612	706	28,290	3,772	642
1935	30,496	4,066	1,178	28,927	3,857	1,122
1936	36,607	4,881	1,250	28,477	3,797	955
1937	29,217	3,896	1,456	42,173	5,623	2,115
1938	31,418	4,189	1,174	34,350	4,580	1,299
1939	45,041	6,005	1,624	36,360	4,848	1,157
1940	43,310	5,775	1,305	16,808	2,241	607
1941	45,255	6,034	2,829	22,810	3,041	1,564
1942	38,466	5,129	3,200	7,390	985	647
1943	43,010	5,735	3,892	12,956	1,727	1,129
1944	45,503	6,067	3,725	17,920	2,389	1,603
1945	62,513	8,335	5,657	19,977	2,664	1,786
1946	73,190	9,759	9,033	26,494	3,532	4,293
1947	63,550	8,473	11,425	29,063	3,875	4,145
1948	65,730	8,764	10,132	27,327	3,644	4,004
1949	62,204	8,294	3,408	5,425	723	394
1950	76,575	10,210	5,867	24,821	3,309	2,366
1951	94,028	12,537	9,771	11,346	1,513	1,205
1952	96,665	12,889	5,785	8,115	1,082	518
1953	133,684	17,824	8,806	5,390	719	361
1954	139,811	18,641	9,755	5,707	761	434
1955	159,241	21,232	12,195	8,183	1,091	669
1956	168,211	22,428	14,092	13,681	1,824	1,142
1957	118,484	15,798	9,466	14,106	1,881	1,139
1958	127,986	17,065	9,434	13,203	1,760	882
1959	154,712	20,628	10,744	15,004	2,001	989
1960	183,403	24,454	11,582	11,499	1,533	668
1961	235,167	31,356	12,913	6,135	818	417
1962	232,619	31,016	10,060	5,086	674	238
1963	167,635	21,630	9,853	5,709	737	293
1964	157,730	20,352	11,735	10,354	1,336	785
1965	175,204	22,607	13,241	8,528	1,100	748
1966	144,198	18,606	10,982	7,882	1,017	585
1967	101,384	13,082	4,736	5,676	732	307
1968	152,020	19,616	6,247	9,533	1,230	376

YEAR	SARDINE (PACIFIC)			TUNA AND MACKEREL		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
1921	1,282	171	36	-	-	-
1922	3,218	429	146	2/ 645	2/ 86	2/ 63
1923	7,245	966	424	2/ 337	2/ 45	2/ 22
1924	17,543	2,339	1,077	2/ 263	2/ 35	2/ 11
1925	23,400	3,120	1,569	2/ 435	2/ 58	2/ 15
1926	15,848	2,113	933	2/ 188	2/ 25	2/ 14
1927	18,864	2,515	1,117	2/ 248	2/ 33	2/ 8
1928	28,695	3,826	1,622	2/ 173	2/ 23	2/ 5
1929	48,203	6,427	2,816	675	90	28
1930	43,522	5,803	1,826	2/ 428	2/ 57	2/ 14
1931	29,370	3,916	808	2/ 120	2/ 16	2/ 3
1932	41,467	5,529	705	2/ 232	2/ 31	2/ 4
1933	76,980	10,264	1,593	4/ 630	4/ 84	4/ 10
1934	156,338	20,845	4,414	4/1,185	4/ 158	4/ 26
1935	163,012	21,735	6,659	2,963	395	98
1936	195,983	26,131	8,336	2,685	358	98
1937	119,947	15,993	6,204	1,673	223	62
1938	131,550	17,540	5,205	2,093	279	82
1939	149,970	19,996	6,078	2,332	311	93
1940	94,703	12,627	3,761	3,352	447	124
1941	135,939	18,125	9,879	1,879	251	100
1942	93,817	12,509	8,068	1,612	215	112
1943	104,605	13,947	9,302	1,643	219	132
1944	135,742	18,099	11,723	2,379	317	178
1945	88,898	11,853	7,926	2,281	304	173

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH AND MARINE-ANIMAL OILS, 1921-68 - Continued

(IN THOUSANDS)

YEAR	SARDINE (PACIFIC)			TUNA AND MACKEREL		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
1946	36,499	4,867	6,843	2,696	359	395
1947	15,780	2,104	2,677	5,610	748	959
1948	17,464	2,329	2,458	4,954	661	622
1949	45,924	6,123	2,873	4,485	598	266
1950	46,415	6,189	4,694	6,633	884	553
1951	14,569	1,943	1,546	5,345	713	526
1952	157	21	11	5,586	745	368
1953	98	13	6	4,944	659	315
1954	5,669	756	421	4,386	585	243
1955	6,733	898	522	4,087	545	264
1956	2,530	337	181	5,290	705	359
1957	656	87	55	5,537	738	397
1958	5,556	741	427	4,704	627	319
1959	1,409	188	92	4,508	601	191
1960	1,201	160	78	3,819	509	175
1961	646	86	36	5,719	763	278
1962	161	22	10	5,008	668	236
1963	-	-	-	5,903	762	274
1964	(3)	(3)	(3)	4,816	621	272
1965	-	-	-	4,794	619	334
1966	-	-	-	4,111	530	303
1967	-	-	-	5,218	673	268
1968	-	-	-	4,549	587	163

YEAR	WHALE AND SPERM			LIVER		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
1921	1/1,267	1/ 169	[illegible]	375	50	20
1922	[illegible]	2,247	[illegible]	540	72	34
1923	[illegible]	[illegible]	[illegible]	[illegible]	94	49
1924	9,323	[illegible]	[illegible]	[illegible]	106	66
1925	9,158	[illegible]	[illegible]	[illegible]	138	83
1926	9,570	[illegible]	[illegible]	[illegible]	176	131
1927	11,483	[illegible]	[illegible]	[illegible]	284	242
1928	10,935	[illegible]	[illegible]	[illegible]	268	212
1929	[illegible]	[illegible]	[illegible]	[illegible]	265	[illegible]
1930	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1931	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1932	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1933	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1934	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1935	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1936	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1937	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1938	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1939	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1940	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1941	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1942	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1943	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]
1944	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1945	-	-	-	[illegible]	[illegible]	[illegible]
1946	-	-	-	[illegible]	[illegible]	[illegible]
1947	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1948	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1950	-	-	-	[illegible]	[illegible]	[illegible]
1951	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1952	-	-	-	[illegible]	[illegible]	[illegible]
1953	-	-	-	[illegible]	[illegible]	[illegible]
1954	-	-	-	[illegible]	[illegible]	[illegible]
1955	-	-	-	[illegible]	[illegible]	[illegible]
1956	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1957	[illegible]	[illegible]	214	[illegible]	[illegible]	[illegible]
1958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1959	3,910	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1960	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1961	3,470	[illegible]	242	[illegible]	[illegible]	[illegible]
1962	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SEE FOOTNOTES AT END OF TABLE.

CONTINUED ON NEXT PAGE

HISTORICAL FISHERY STATISTICS

DOMESTIC PRODUCTION OF FISH AND MARINE-ANIMAL OILS, 1921-68 - Continued

(IN THOUSANDS)

YEAR	OTHER MARINE			TOTAL		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
1921	5,120	683	181	55,845	7,446	2,079
1922	1,112	148	48	79,013	10,535	4,231
1923	2,294	306	117	85,305	11,374	5,104
1924	1,800	240	108	69,083	9,211	4,312
1925	2,130	284	113	99,653	13,287	6,500
1926	1,786	238	89	81,660	10,888	5,027
1927	1,962	262	106	81,555	10,874	4,905
1928	1,818	242	93	91,095	12,146	5,150
1929	2,709	361	127	115,148	15,353	6,802
1930	3,771	504	213	110,280	14,705	4,200
1931	3,062	408	118	64,245	8,566	1,620
1932	2,220	295	66	91,470	12,195	1,392
1933	2,172	290	73	133,065	17,742	2,625
1934	2,577	344	276	224,738	29,965	6,385
1935	1,732	231	78	239,445	31,926	13,149
1936	1,718	229	84	299,265	39,902	15,328
1937	2,448	326	145	267,263	35,635	16,356
1938	2,294	305	106	263,558	35,140	13,526
1939	2,727	364	140	268,140	35,752	14,697
1940	2,800	373	188	186,120	24,816	12,025
1941	4,240	565	334	219,627	29,283	29,594
1942	5,197	693	486	154,343	20,579	22,580
1943	4,484	598	486	173,372	23,116	29,813
1944	3,333	445	538	212,422	28,323	31,009
1945	4,063	542	492	183,764	24,502	27,236
1946	4,635	618	659	150,233	20,031	34,702
1947	4,752	634	832	125,497	16,733	31,751
1948	6,201	826	1,129	128,127	17,084	30,983
1949	7,861	1,049	527	132,719	17,696	17,365
1950	6,301	841	562	163,229	21,764	17,473
1951	8,243	1,098	947	136,292	18,172	16,624
1952	8,111	1,080	634	120,708	16,094	9,391
1953	6,558	875	557	152,206	20,294	11,482
1954	6,637	885	560	163,985	21,865	12,805
1955	6,848	913	630	186,734	24,898	14,869
1956	7,556	1,008	680	201,500	26,867	17,252
1957	9,411	1,255	806	152,615	20,349	12,619
1958	10,187	1,358	817	165,210	22,028	12,333
1959	7,544	1,006	510	187,334	24,978	13,092
1960	5,697	760	358	209,143	27,886	13,386
1961	6,929	923	432	258,118	34,416	14,373
1962	4,590	611	238	250,075	33,339	11,001
1963	4,426	571	256	185,827	23,978	10,853
1964	4,115	531	285	180,198	23,251	13,297
1965	4,247	548	360	195,440	25,218	14,852
1966	6,489	838	529	164,045	21,167	12,480
1967	7,637	986	654	122,398	15,793	6,112
1968	5,576	719	425	174,072	22,461	7,327

[1] WHALE OIL INCLUDED WITH "OTHER MARINE OILS" IN 1921

[2] MACKEREL OIL INCLUDED WITH OTHER MARINE OILS.

[3] INCLUDED WITH OTHER MARINE OILS.

[4] TUNA OIL INCLUDED WITH OTHER MARINE OILS.

PRODUCTION OF FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH, 1945-68

YEAR	MENHADEN		OTHER		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
1945	(1)	(1)	12,217	$941,831	12,217	$941,831
1946	(1)	(1)	7,945	687,596	7,945	687,596
1947	(1)	(1)	9,365	1,096,077	9,365	1,096,077
1948	(1)	(1)	16,059	1,471,723	16,059	1,471,723
1949	(1)	(1)	51,671	5,144,111	51,671	5,144,111
1950	(1)	(1)	51,863	4,461,362	51,863	4,461,362
1951	(1)	(1)	50,364	4,128,356	50,364	4,128,356
1952	(1)	(1)	70,482	5,979,865	70,482	5,979,865
1953	39,038	$3,592,551	42,456	3,752,416	81,494	7,344,967
1954	56,274	5,564,717	58,756	5,026,992	115,030	10,591,709
1955	61,938	4,396,642	48,981	3,957,850	110,919	8,354,492
1956	72,852	5,339,834	55,977	4,649,249	128,829	9,989,083
1957	69,399	5,615,490	52,874	4,602,779	122,273	10,218,269
1958	72,471	6,252,986	57,706	5,265,724	130,177	11,518,710
1959	108,079	5,852,514	57,280	4,190,537	165,359	10,043,051
1960	65,850	2,299,209	33,079	1,721,783	98,929	4,020,992
1961	73,305	3,142,397	38,949	2,326,246	112,254	5,468,643
1962	85,200	4,120,050	39,449	2,514,698	124,649	6,634,748
1963	74,831	4,485,957	32,571	2,267,108	107,402	6,753,065
1964	68,738	4,054,981	24,558	1,607,213	93,296	5,662,194
1965	73,180	4,666,145	21,660	1,272,928	94,840	5,939,073
1966	60,769	3,725,307	22,672	1,435,064	83,441	5,160,371
1967	51,770	3,079,869	22,905	1,507,412	74,675	4,587,281
1968	53,247	2,668,994	18,586	1,037,554	71,833	3,706,548

1/INCLUDED WITH OTHER.

NOTE:--HOMOGENIZED CONDENSED FISH HAS NOT BEEN PRODUCED SINCE 1963.

HISTORICAL FISHERY STATISTICS

IMPORTS OF FISH MEAL AND SCRAP, BY COUNTRY OF ORIGIN, 1937-68

YEAR	ANGOLA		ARGENTINA		CANADA		CHILE	
	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1937. . .	-	-	2,851	$93,137	18,387	$724,600	-	-
1938. . .	-	-	1,335	45,142	13,022	529,227	-	-
1939. . .	-	-	1,905	66,622	16,114	725,751	-	-
1940. . .	-	-	872	37,620	25,654	1,324,934	-	-
1941. . .	-	-	1,615	49,216	20,857	1,184,874	-	-
1942. . .	-	-	800	23,654	21,264	1,547,431	-	-
1943. . .	-	-	-	-	2,943	198,399	-	-
1944. . .	-	-	1,687	62,223	7,916	593,339	-	-
1945. . .	-	-	220	10,287	2,194	144,497	-	-
1946. . .	-	-	391	30,241	2,260	177,998	-	-
1947. . .	-	-	443	37,382	3,697	350,558	-	-
1948. . .	-	-	1,293	125,736	29,270	3,620,759	-	-
1949. . .	1,068	$166,195	1,040	128,295	33,985	5,314,001	23	$2,552
1950. . .	6,503	751,172	241	27,904	42,499	4,963,034	377	42,104
1951. . .	15,055	1,440,747	970	100,271	51,507	6,438,610	1,179	135,636
1952. . .	31,160	3,107,430	1,239	110,104	40,152	5,030,470	5,290	568,700
1953. . .	33,589	3,580,455	231	34,577	28,733	3,345,714	2,019	233,885
1954. . .	30,130	3,489,271	514	75,012	39,740	5,194,154	823	91,103
1955. . .	12,138	1,510,163	-	-	41,661	5,582,581	5,282	612,375
1956. . .	5,063	621,079	24	4,444	57,127	7,442,011	1,366	185,318
1957. . .	9,708	996.074	17	3,313	42,823	5,634,004	1,108	113,484
1958. . .	18,062	1,851,374	60	7,819	27,777	3,592,934	8,160	934,905
1959. . .	20,738	2,741,975	8	1,735	39,033	4,826,267	5,104	656,943
1960. . .	888	53,526	72	8,306	30,982	3,287,208	21,183	1,452,324
1961. . .	1,543,	77,245	122	15,889	38,218	3,560,406	12,074	890,990
1962. . .	-	-	-	-	42,806	5,193,323	9,247	974,455
1963. . .	691	60,755	215	32,536	50,985	6,489,099	23,567	2,551,804
1964. . .	1,944	194,350	117	18,681	54,769	7,276,535	12,942	1,395,428
1965. . .	2,471	284,522	43	13,191	43,753	6,651,422	5,651	624,853
1966. . .	569	72,942	42	8,161	43,618	7,216,008	89,381	11,279,258
1967. . .	-	-	61	7,808	46,626	6,444,792	40,937	4,209,036
1968. . .	-	-	230	34,705	65,119	8,483,935	103,907	9,741,405

YEAR	DENMARK		FRENCH MOROCCO		ICELAND		JAPAN	
	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1937. . .	-	-	-	-	88	$3,805	66,[illegible]68	$2,326,251
1938. . .	-	-	-	-	-	-	23,590	851,075
1939. . .	-	-	-	-	-	-	39,570	1,582,469
1940. . .	-	-	-	-	943	49,816	18,1[illegible]2	787,099
1941. . .	-	-	-	-	8,428	390,323	(1)	12
1946. . .	-	-	-	-	4,176	488,376	-	-
1947. . .	-	-	-	-	1,240	154,036	-	-
1948. . .	-	-	-	-	7,691	1,055,978	-	-
1949. . .	-	-	1,623	$180,561	110	14,988	-	-
1950. . .	15	$12,049	1,329	139,390	50	16,000	1,308	121,9[illegible]9
1951. . .	7[illegible]	105,604	1,167	117,300	12,069	711,845	-	-
1952. . .	97[illegible]	128,346	6,608	757,555	13,261	1,788,145	[illegible]5	[illegible],4[illegible]
1953. . .	6,56[illegible]	988,329	6,229	765,798	26	3,145	[illegible],420	2[illegible]5,[illegible]40
1954. . .	9,1[illegible]3	1,348,789	4,404	511,058	-	-	2[illegible]9	24,1[illegible]
1955. . .	3,1[illegible]9	482,843	2,815	368,190	2,201	331,851	-	-
1956. . .	-	-	1,157	160,622	-	-	-	-
1957. . .	-	-	-	-	16	1,988	-	-
1958. . .	1,092	161,404	-	-	17	2,351	153	27,[illegible]60
1959. . .	2,266	176.411	-	-	-	-	344	51,053
1960. . .	-	-	-	-	2,756	261,312	3	3[illegible]
1961. . .	-	-	-	-	66	9,351	4[illegible]	12,1[illegible]
1962. . .	-	-	-	-	50	7,020	1[illegible]	4,8[illegible]
1963. . .	220	27,666	-	-	68	9,455	-	-
1964. . .	110	13,850	-	-	96	13,445	[illegible]69	59,53[illegible]
1965. . .	413	65,388	-	-	158	23,325	9	3 246
1966. . .	55	8,525	-	-	102	17,483	40	8,[illegible]99
1967. . .	110	18,652	-	-	-	-	-	-
1968. . .	-	-	-	-	-	-	20	2,500

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

IMPORTS OF FISH MEAL AND SCRAP, BY COUNTRY OF ORIGIN, 1937-68 - Continued

YEAR	MEXICO		NORWAY		PERU		PORTUGAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1937. . .	302	$9,339	4,221	$192,777	-	-	-	-
1938. . .	431	9,809	1,388	67,187	-	-	-	-
1939. . .	442	13,466	3,110	166,679	-	-	-	-
1940. . .	298	10,766	68	4,760	-	-	-	-
1941. . .	322	9,930	-	-	-	-	1,450	$67,876
1942. . .	193	7,521	-	-	-	-	-	-
1943. . .	222	12,378	-	-	-	-	-	-
1944. . .	282	13,536	-	-	-	-	-	-
1945. . .	627	32,068	-	-	(1)	$104	-	-
1946. . .	816	58,096	573	69,640	176	13,093	-	-
1947. . .	1,260	116,245	324	41,328	842	50,926	-	-
1948. . .	1,518	135,244	28	4,547	551	30,336	-	-
1949. . .	1,850	202,041	1,910	290,236	2,615	171,185	3,001	367,040
1950. . .	1,799	152,624	2,903	351,532	3,917	285,099	346	32,304
1951. . .	1,614	141,626	15,251	2,025,689	7,146	675,683	257	29,408
1952. . .	537	47,097	50,181	7,059,091	10,361	1,062,371	2,605	285,022
1953. . .	671	48,402	21,748	2,883,725	10,685	1,165,543	2,533	349,668
1954. . .	1,388	92,114	34,154	5,108,093	17,596	1,454,636	244	26,994
1955. . .	1,244	57,185	14,568	2,269,918	8,734	1,041,124	562	70,570
1956. . .	1,798	83,096	10,965	1,629,941	7,766	912,927	649	85,951
1957. . .	612	30,992	2,930	432,586	16,817	1,843,015	52	3,945
1958. . .	1,398	100,233	1,184	183,405	33,371	3,531,047	-	-
1959. . .	1,296	113,329	141	19,978	49,923	5,618,291	1,179	179,680
1960. . .	27	1,971	-	-	68,156	5,301,355	-	-
1961. . .	37	1,751	99	10,118	151,439	11,161,896	-	-
1962. . .	-	-	1,599	220,147	186,249	16,827,934	-	-
1963. . .	24	1,307	1,819	275,654	285,414	26,342,927	-	-
1964. . .	85	10,700	-	-	348,025	33,394,693	157	23,949
1965. . .	-	-	78	16,090	209,801	22,134,031	-	-
1966. . .	35	4,911	21,048	3,405,974	276,651	35,434,936	-	-
1967. . .	8	692	113,243	14,830,299	442,547	46,561,188	55	9,350
1968. . .	166	26,733	40,991	4,853,247	635,933	58,618,712	-	-

YEAR	REPUBLIC OF SOUTH AFRICA		URUGUAY		OTHER COUNTRIES		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1937. . .	-	-	-	-	155	$7,345	92,772	$3,357,254
1938. . .	-	-	120	$3,982	1	40	39,887	1,506,462
1939. . .	-	-	260	10,289	-	-	61,401	2,565,276
1940. . .	-	-	125	4,777	11	345	46,133	2,220,117
1941. . .	-	-	79	5,930	-	-	32,751	1,708,161
1942. . .	-	-	150	5,365	(1)	90	22,407	1,584,061
1943. . .	-	-	-	-	-	-	3,165	210,777
1944. . .	-	-	305	11,197	-	-	10,190	680,295
1945. . .	-	-	-	-	55	3,850	3,096	190,806
1946. . .	-	-	121	7,624	398	36,821	8,911	881,889
1947. . .	-	-	-	-	752	76,816	8,558	827,291
1948. . .	60	$4,320	-	-	713	79,934	41,124	5,056,854
1949. . .	2,003	246,378	10	2,625	2,945	375,610	52,183	7,461,707
1950. . .	825	91,019	165	17,700	1,443	155,982	63,855	7,159,902
1951. . .	19,545	2,249,690	214	18,083	1,735	185,326	128,478	14,375,518
1952. . .	37,523	3,943,748	-	-	3,595	409,719	203,539	24,305,295
1953. . .	14,072	1,318,640	-	-	1,931	199,402	131,473	15,182,923
1954. . .	4,794	413,893	63	12,408	2,615	240,041	145,777	18,081,731
1955. . .	3,545	390,019	71	18,980	2,063	220,419	98,003	12,956,218
1956. . .	3,470	274,371	-	-	1,036	117,910	90,421	11,517,670
1957. . .	4,015	340,579	-	-	3,098	316,535	81,196	9,716,515
1958. . .	7,345	760,849	11	1,860	1,722	179,586	100,352	11,335,427
1959. . .	9,727	1,078,169	-	-	3,166	420,076	132,925	15,883,907
1960. . .	7,073	658,537	83	11,794	338	30,984	131,561	11,067,625
1961. . .	13,026	915,956	94	14,966	1,081	69,264	217,845	16,740,005
1962. . .	10,084	878,323	-	-	2,257	191,716	252,307	24,297,718
1963. . .	12,296	1,137,005	99	15,247	923	94,003	376,321	37,037,458
1964. . .	18,581	1,577,202	89	14,081	1,459	158,473	439,143	44,180,924
1965. . .	5,100	524,415	89	23,420	3,023	350,735	270,589	30,714,638
1966. . .	6,600	939,038	-	-	9,643	896,116	447,784	59,291,551
1967. . .	-	-	-	-	7,899	910,671	651,486	72,992,488
1968. . .	-	-	-	-	8,919	755,449	855,285	82,516,686

1/NEGLIGIBLE.
NOTE:--DATA ARE REPORTED IN SHORT TONS.
SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

IMPORTS OF FISH AND MARINE-ANIMAL OILS, 1925-68

(THOUSANDS OF GALLONS AND THOUSANDS OF DOLLARS)

YEAR	COD OIL		COD-LIVER OIL		EULACHON OIL		HERRING OIL		SEAL OIL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1925. .	1,755	864	1,220	1,056	-	-	-	-	365	188
1926. .	2,426	1,251	1,921	1,616	-	-	-	-	651	315
1927. .	2,114	1,064	2,376	2,231	-	-	-	-	629	251
1928. .	1,569	801	2,572	2,523	-	-	-	-	195	87
1929. .	2,091	1,020	2,861	2,448	-	-	-	-	631	281
1930. .	2,051	918	2,895	2,229	-	-	-	-	447	180
1931. .	1,794	610	1,737	1,312	2	1	4,243	1,219	80	25
1932. .	3,296	920	1,248	805	1	(1)	2,095	400	60	12
1933. .	2,115	450	3,432	1,711	1	(1)	699	42	106	23
1934. .	1,459	391	3,470	2,191	1	(1)	219	33	34	10
1935. .	2,678	810	4,607	2,975	(1)	(1)	5	1	-	-
1936. .	2,800	1,006	5,790	3,547	(1)	(1)	4	1	1	(1)
1937. .	2,954	1,189	5,916	3,867	(1)	(1)	5	1	12	5
1938. .	3,058	940	5,229	3,326	1	(1)	4	1	(1)	(1)
1939. .	2,162	602	6,670	3,731	1	(1)	2	1	-	-
1940. .	481	267	2,114	2,521	(1)	(1)	(1)	(1)	-	-
1941. .	838	464	1,696	2,946	(1)	(1)	654	208	48	15
1942. .	416	280	637	1,300	1	1	1,122	529	669	291
1943. .	590	403	1,804	3,504	1	(1)	1,894	856	581	223
1944. .	588	407	1,695	2,919	1	1	1,624	767	178	93
1945. .	588	401	1,768	2,892	1	1	1,757	892	212	120
1946. .	462	449	2,859	5,451	1	1	391	149	14	11
1947. .	589	697	1,520	3,195	1	1	398	268	2	3
1948. .	422	588	2,037	4,697	-	-	2,448	2,464	5	5
1949. .	664	479	1,496	2,843	-	-	2,120	1,291	3	2
1950. .	849	640	2,056	2,755	-	-	1,064	530	8	2
1951. .	651	691	1,993	4,299	-	-	1,504	1,517	1	1
1952. .	563	401	2,338	4,310	-	-	1,411	849	1	1
1953. .	1,154	653	2,519	3,659	-	-	362	200	2	1
1954. .	1,138	631	3,042	4,149	-	-	533	320	-	-
1955. .	949	647	2,424	3,482	-	-	331	190	-	-
1956. .	1,122	830	1,934	2,191	-	-	229	131	-	-
1957. .	814	602	1,834	2,568	-	-	55	24	-	-
1958. .	613	434	1,221	1,475	-	-	2	(1)	-	-
1959. .	721	416	1,491	1,636	-	-	71	30	-	-
1960. .	1,052	577	1,264	1,395	-	-	23	14	7	2
1961. .	697	365	1,123	1,105	-	-	355	170	-	-
1962. .	708	324	855	826	-	-	599	206	1	(1)
1963. .	712	343	975	870	-	-	296	108	-	-
1964. .	960	495	929	857	-	-	504	334	-	-
1965. .	615	456	587	545	-	-	99	78	-	-
1966. .	633	455	804	518	-	-	957	519	-	-
1967. .	787	472	376	410	-	-	55	24	-	-
1968. .	678	340	458	415	-	-	30	17	-	-

YEAR	WHALE OIL				SHARK AND SHARK-LIVER OIL		OTHER FISH AND MARINE-ANIMAL OILS		TOTAL	
	SPERM		OTHER							
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1925. .	259	104	7,141	4,224	-	-	693	280	11,433	6,716
1926. .	137	51	5,233	2,664	-	-	2,051	797	12,419	6,694
1927. .	266	96	7,084	3,179	-	-	5,322	1,762	17,791	8,583
1928. .	442	168	6,457	3,021	-	-	5,433	1,876	16,668	8,476
1929. .	347	146	7,540	3,529	-	-	5,094	1,948	18,564	9,372
1930. .	401	150	7,027	3,068	-	-	4,138	1,441	16,959	7,986
1931. .	373	127	10,826	4,816	-	-	92	24	19,147	8,134
1932. .	241	79	5,618	2,343	-	-	59	8	12,618	4,567
1933. .	627	158	5,736	2,399	-	-	80	11	12,796	4,794
1934. .	558	139	2,107	865	-	-	197	149	8,045	3,778
1935. .	378	96	2,699	605	-	-	111	53	10,478	4,540
1936. .	1,403	341	2,343	494	-	-	167	48	12,508	5,437
1937. .	1,377	372	5,926	1,659	-	-	161	118	16,351	7,211
1938. .	1,235	363	1,707	562	-	-	70	118	11,304	5,310
1939. .	2,591	618	114	34	10	7	62	128	11,612	5,121
1940. .	2,968	1,056	(1)	(1)	65	38	20	9	5,648	3,891
1941. .	922	352	56	15	368	587	79	340	4,661	4,927
1942. .	2,139	839	4	1	173	426	32	57	5,193	3,724
1943. .	7,342	4,053	8,451	4,491	148	510	273	1,475	21,084	15,515
1944. .	18	8	6,747	3,936	(1)	(1)	74	4,074	10,925	12,205
1945. .	62	36	(1)	2	83	155	533	5,292	5,004	9,791
1946. .	121	142	(1)	(1)	19	54	345	5,144	4,212	11,401
1947. .	1,989	2,672	(1)	3	7	28	163	4,312	4,669	11,179

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

IMPORTS OF FISH AND MARINE-ANIMAL OILS, 1925-68 - Continued

(THOUSANDS OF GALLONS AND THOUSANDS OF DOLLARS)

YEAR	WHALE OIL				SHARK AND SHARK-LIVER OIL		OTHER FISH AND MARINE-ANIMAL OILS		TOTAL	
	SPERM		OTHER							
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1948. .	5,214	5,766	1	11	578	6,972	104	2,723	10,809	23,226
1949. .	1,154	1,391	1	2	579	3,573	110	2,997	6,127	12,578
1950. .	4,719	3,219	152	111	736	2,185	117	2,027	9,701	11,469
1951. .	5,791	5,866	83	87	1,012	3,098	149	2,382	11,184	17,941
1952. .	5,440	3,187	157	77	954	2,410	122	2,185	10,986	13,420
1953. .	4,630	2,244	84	48	442	1,115	119	1,279	9,312	9,199
1954. .	1,571	1,128	138	82	212	554	114	1,668	6,748	8,532
1955. .	7,858	6,052	-	-	152	389	143	1,703	11,857	12,463
1956. .	5,786	4,031	6	7	28	108	145	1,978	9,250	9,276
1957. .	5,025	3,635	2	2	26	77	190	2,690	7,946	9,598
1958. .	9,010	5,159	(1)	2	35	115	99	1,964	10,980	9,149
1959. .	4,106	1,884	(1)	3	17	142	160	1,628	6,566	5,739
1960. .	4,836	2,945	1	5	9	88	186	1,691	7,378	6,717
1961. .	7,807	5,478	-	-	1	3	119	1,354	10,102	8,475
1962. .	8,932	6,379	1	4	1	(1)	160	991	11,257	8,730
1963. .	8,687	6,462	-	-	1	4	120	373	10,791	8,160
1964. .	7,596	5,275	(1)	1	-	-	81	295	10,070	7,257
1965. .	9,950	5,758	14	1	-	-	71	105	11,336	6,943
1966. .	7,505	4,654	28	2	-	-	27	1	9,954	6,149
1967. .	6,622	3,717	9	16	-	-	70	206	7,919	4,845
1968. .	7,425	3,544	(1)	2	-	-	68	167	8,659	4,485

1/LESS THAN 500 GALLONS OR $500.

NOTE:--TO CONVERT GALLONS OF OIL TO POUNDS, THE FACTOR 7.75 WAS USED SINCE 1963; 7.5 FOR PRIOR YEARS.

SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

IMPORTS OF FISH SOLUBLES, BY COUNTRY OF ORIGIN, 1954-68

COUNTRY	1954		1955		1956	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
CANADA.	2,426	$225,313	2,767	$217,598	1,698	$119,290
MEXICO.	48	3,360	127	8,840	156	10,220
NORWAY.	1,140	82,849	317	21,068	793	46,075
UNITED KINGDOM. . . .	-	-	5	758	-	-
UNION OF SOUTH AFRICA	-	-	81	9,099	344	43,711
TOTAL	3,614	311,522	3,297	257,363	2,991	219,296

COUNTRY	1957		1958		1959	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
CANADA.	4,024	$317,264	2,699	$259,011	1,660	$145,708
MEXICO.	55	3,500	124	8,040	28	1,824
NORWAY.	1,606	93,716	-	-	2,211	133,708
ICELAND	-	-	738	53,176	-	-
UNION OF SOUTH AFRICA	726	101,473	1,063	227,864	2,303	306,546
DENMARK	3,298	237,053	9,943	719,080	18,723	1,441,201
WEST GERMANY.	-	-	-	-	1,705	138,977
TOTAL	9,709	753,006	14,567	1,267,171	26,630	2,167,964

COUNTRY	1960		1961		1962	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
CANADA.	869	$55,779	1,001	$58,071	1,335	$81,976
MEXICO.	42	2,736	680	45,618	248	16,566
PERU.	3	106	-	-	7	570
ICELAND	-	-	3,393	165,060	2,332	101,702
CHILE	-	-	221	19,000	221	18,000
REPUBLIC OF SOUTH AFRICA	402	43,571	1,416	141,672	1,717	180,359
DENMARK	1,858	65,631	28	3,794	110	14,150
JAPAN	-	-	-	-	338	11,578
TOTAL	3,174	167,823	6,739	433,215	6,308	424,901

COUNTRY	1963		1964		1965	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
CANADA.	2,233	$169,457	1,910	$147,201	1,757	$141,076
MEXICO.	220	14,749	400	27,465	227	15,511
PERU.	661	61,302	1,101	29,160	2,598	58,919
DENMARK	330	42,300	385	51,525	825	47,480
REPUBLIC OF SOUTH AFRICA	511	54,043	987	110,297	-	-
CHILE	221	23,000	-	-	-	-
ICELAND	160	20,765	-	-	-	-
JAPAN	571	21,666	-	-	-	-
NORWAY.	2,205	87,420	-	-	-	-
TOTAL	7,112	494,702	4,783	365,648	5,407	262,986

COUNTRY	1966		1967		1968	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
CANADA.	1,734	$161,178	1,283	$118,986	1,038	$100,905
MEXICO.	385	25,117	440	31,220	60	4,341
PERU.	1,941	44,020	1,653	52,500	614	11,368
DENMARK	578	87,841	293	47,347	385	59,125
REPUBLIC OF SOUTH AFRICA	2	429	-	-	-	-
TOTAL	4,640	318,585	3,669	250,053	2,097	175,739

NOTE:--DATA ARE REPORTED IN SHORT TONS. SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

HISTORICAL FISHERY STATISTICS

EXPORTS OF FISH AND FISH-LIVER OILS, BY COUNTRY OF DESTINATION, 1947-68

(IN THOUSANDS)

COUNTRY	1947			1948			1949		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	4	1	2	-	-	-	4,200	560	299
CANADA . . .	2,927	390	349	10,942	1,459	1,670	8,322	1,110	1,227
NETHERLANDS.	6,852	914	871	(1)	(1)	(1)	10,709	1,428	1,265
NORWAY . . .	1	(1)	(1)	-	-	-	-	-	-
SWITZERLAND.	2	(1)	(1)	-	-	-	220	29	28
WEST GERMANY	-	-	-	-	-	-	11,291	1,505	983
OTHER. . . .	1,144	152	287	815	109	167	3,875	517	352
TOTAL. .	10,930	1,457	1,509	11,757	1,568	1,837	38,617	5,149	4,154

COUNTRY	1950			1951			1952		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	40	5	10	564	75	84	17	2	7
CANADA . . .	3,392	452	331	3,467	462	621	834	111	100
NETHERLANDS.	41,411	5,522	4,035	12,049	1,607	1,371	23,933	3,191	1,884
NORWAY . . .	-	-	-	9,027	1,204	1,281	-	-	-
SWITZERLAND.	17,781	2,371	1,609	8,054	1,074	1,041	6,280	837	439
WEST GERMANY	11,289	1,505	867	12,100	1,613	1,612	10,268	1,369	756
OTHER. . . .	2,061	275	284	4,579	611	695	1,370	183	184
TOTAL. .	75,974	10,130	7,136	49,840	6,646	6,705	42,702	5,693	3,370

COUNTRY	1953			1954			1955		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	1,527	204	108	-	-	-	2,197	293	188
CANADA . . .	4,050	540	319	14,987	1,998	1,175	22,490	2,999	1,749
NETHERLANDS.	17,827	2,377	1,238	87,385	11,651	6,655	80,519	10,736	6,827
NORWAY . . .	3,211	428	212	2,205	294	250	12,281	1,637	990
SWITZERLAND.	6,229	830	441	11,593	1,546	852	1,292	172	109
WEST GERMANY	72,311	9,641	5,018	20,962	2,795	1,637	21,006	2,801	1,683
OTHER. . . .	1,424	190	167	3,651	487	358	2,501	333	252
TOTAL. .	106,579	14,210	7,503	140,783	18,771	10,927	142,286	18,971	11,798

COUNTRY	1956			1957			1958		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	1,519	203	125	1,323	176	115	4,688	625	392
CANADA . . .	3,242	432	295	2,378	317	211	12,970	1,729	1,118
NETHERLANDS.	49,648	6,620	4,409	27,815	3,709	2,543	21,841	2,912	1,726
NORWAY . . .	12,502	1,667	1,059	10,544	1,406	945	11,589	1,545	1,036
SWITZERLAND.	734	98	105	1,587	212	142	1,115	149	83
WEST GERMANY	63,484	8,464	5,908	52,593	7,012	4,893	34,236	4,565	2,714
OTHER. . . .	9,609	1,281	968	18,578	2,477	1,876	7,604	1,014	692
TOTAL. .	140,738	18,765	12,869	114,818	15,309	10,725	94,043	12,539	7,761

COUNTRY	1959			1960			1961		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	4,333	578	379	685	91	42	1,354	180	85
CANADA . . .	3,840	512	361	9,846	1,313	791	16,935	2,258	1,333
NETHERLANDS.	44,116	5,882	3,828	53,133	7,084	3,780	25,587	3,412	1,672
NORWAY . . .	16,109	2,148	1,193	15,914	2,122	1,335	31,277	4,170	2,378
WEST GERMANY	33,177	4,423	2,552	26,083	3,478	1,831	15,591	2,079	1,148
OTHER. . . .	42,906	5,721	3,589	37,998	5,067	2,909	31,742	4,232	2,292
TOTAL. .	144,481	19,264	11,902	143,659	19,155	10,688	122,486	16,331	8,908

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

EXPORTS OF FISH AND FISH-LIVER OILS, BY COUNTRY OF DESTINATION, 1947-68 - Continued

(IN THOUSANDS)

COUNTRY	1962			1963			1964		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	3,329	444	196	33	4	4	-	-	-
CANADA . . .	10,555	1,407	559	8,177	1,055	543	481	62	73
NETHERLANDS.	34,054	4,541	1,681	25,847	3,335	1,644	31,452	4,058	2,853
NORWAY . . .	10,020	1,336	382	23,744	3,064	1,508	11,499	1,484	1,026
WEST GERMANY	16,920	2,256	775	39,456	5,091	2,293	25,832	3,333	2,179
OTHER. . . .	48,172	6,423	2,454	165,085	21,302	9,644	82,205	10,607	6,965
TOTAL. .	123,050	16,407	6,047	262,342	33,851	15,636	151,469	19,544	13,096

COUNTRY	1965			1966		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	3,222	416	286	5,001	645	422
CANADA . . .	1,438	186	112	1,353	175	130
NETHERLANDS.	17,905	2,310	1,565	24,490	3,160	2,257
NORWAY . . .	4,519	583	395	11,448	1,477	1,168
SWEDEN . . .	45,186	5,830	4,066	6,600	852	594
SWITZERLAND.	1	(1)	(1)	2	(1)	(1)
WEST GERMANY	12,436	1,605	1,086	9,375	1,210	1,006
OTHER. . . .	19,100	2,465	1,698	18,986	2,449	1,824
TOTAL. .	103,807	13,395	9,208	77,255	9,968	7,401

COUNTRY	1967			1968		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM. . .	2,860	369	135	-	-	-
CANADA . . .	323	42	83	1,627	210	119
NETHERLANDS.	37,076	4,784	2,177	18,952	2,445	760
SWEDEN . . .	20,415	2,634	1,182	30,611	3,950	1,238
WEST GERMANY	8,135	1,050	477	13,429	1,733	515
OTHER . . .	8,007	1,033	620	510	66	68
TOTAL. .	76,816	9,912	4,674	65,129	8,404	2,700

1/LESS THAN 500 POUNDS, 500 GALLONS, OR $500.

NOTE:--THE FACTOR OF 7.75 HAS BEEN USED TO CONVERT GALLONS OF OIL TO POUNDS SINCE 1963: 7.5 HAS BEEN USED FOR PRIOR YEARS. SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

EXPORTS OF SPERM AND WHALE OIL, BY COUNTRY OF DESTINATION, 1947-68

(IN THOUSANDS)

COUNTRY	1947			1948		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	120	16	25	-	-	-
EL SALVADOR	6	1	1	-	-	-
MEXICO	-	-	-	1	(1)	(1)
NETHERLANDS	-	-	-	19	2	5
SWITZERLAND	-	-	-	24	3	7
UNITED KINGDOM	-	-	-	249	33	55
OTHER	-	-	-	3	1	1
TOTAL	126	17	26	296	39	68

COUNTRY	1949			1950		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	176	24	14	309	41	37
EL SALVADOR	-	-	-	6	1	1
MEXICO	11	1	2	-	-	-
SWITZERLAND	-	-	-	80	11	20
OTHER	69	9	11	-	-	-
TOTAL	256	34	27	395	53	58

COUNTRY	1951			1952		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM	12	2	3	10	1	3
CANADA	290	38	50	71	10	14
MEXICO	58	8	10	25	3	4
SWITZERLAND	82	11	21	81	11	19
OTHER	18	2	4	7	1	1
TOTAL	460	61	88	194	26	41

COUNTRY	1953			1954		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	253	34	33	156	21	21
ITALY	-	-	-	17	2	3
MEXICO	-	-	-	2	1	1
OTHER	10	1	5	15	2	2
TOTAL	263	35	38	190	26	27

COUNTRY	1955			1956		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM	-	-	-	493	66	51
CANADA	173	23	25	132	18	17
ITALY	89	12	18	77	10	16
MEXICO	33	5	7	22	3	4
OTHER	76	10	11	17	2	3
TOTAL	371	50	61	741	99	91

COUNTRY	1957			1958		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	89	12	12	151	20	22
EL SALVADOR	-	-	-	21	3	2
ITALY	40	5	10	-	-	-
MEXICO	29	4	5	78	10	13
NETHERLANDS	2,094	279	177	-	-	-
SWITZERLAND	82	11	22	82	11	20
WEST GERMANY	3	1	1	929	124	76
OTHER	24	3	6	14	2	2
TOTAL	2,361	315	233	1,275	170	135

(CONTINUED ON NEXT PAGE)

EXPORTS OF SPERM AND WHALE OIL, BY COUNTRY OF DESTINATION, 1947-68 - Continued

(IN THOUSANDS)

COUNTRY	1959			1960		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	121	16	14	233	31	25
EL SALVADOR	791	105	71	330	44	34
ITALY	12	2	2	44	6	9
MEXICO	50	7	10	53	7	10
WEST GERMANY	549	73	44	661	88	56
OTHER	5	1	1	80	11	13
TOTAL	1,528	204	142	1,401	187	147

COUNTRY	1961			1962		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	111	15	17	315	42	51
EL SALVADOR	78	10	15	-	-	-
MEXICO	13	2	3	44	6	9
NETHERLANDS	897	120	47	1,117	149	80
SWITZERLAND	82	11	21	81	11	22
OTHER	25	3	4	1,140	152	92
TOTAL	1,206	161	107	2,697	360	254

COUNTRY	1963			1964		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	309	40	58	115	15	18
ITALY	3	-	1	-	-	-
MEXICO	101	13	16	186	24	36
NETHERLANDS	5,051	652	353	5,198	671	329
SWITZERLAND	82	11	21	-	-	-
WEST GERMANY	10	1	2	-	-	-
OTHER	35	4	6	66	8	12
TOTAL	5,591	721	457	5,565	718	395

COUNTRY	1965			1966		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM	-	-	-	43	6	6
CANADA	321	41	37	1,742	225	189
MEXICO	288	37	52	266	34	43
NETHERLANDS	3,309	427	166	447	58	72
SWITZERLAND	165	21	38	-	-	-
WEST GERMANY	1,808	233	123	2	(1)	(1)
OTHER	37	5	6	1,855	239	160
TOTAL	5,928	764	422	4,355	562	470

COUNTRY	1967			1968		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
BELGIUM	88	11	12	-	-	-
CANADA	1,409	182	210	1,236	159	145
ITALY	4	1	1	-	-	-
MEXICO	72	9	13	204	26	33
NETHERLANDS	-	-	-	2,202	284	77
OTHER	212	27	37	429	56	68
TOTAL	1,785	230	273	4,071	525	323

1/ LESS THAN 500 GALLONS OR $500.

NOTE:--THE FACTOR 7.75 HAS BEEN USED TO CONVERT GALLONS OF OIL TO POUNDS SINCE 1963; 7.5 HAS BEEN USED FOR PRIOR YEARS.

SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

HISTORICAL FISHERY STATISTICS

EXPORTS OF HYDROGENATED FISH OIL, BY COUNTRY OF DESTINATION, 1952-57

(IN THOUSANDS)

COUNTRY	1952			1953		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	143	19	26	165	22	30
CUBA	24	3	4	-	-	-
ECUADOR	-	-	-	35	5	6
PHILIPPINE REBUBLIC	1,092	146	136	1,643	219	219
UNION OF SOUTH AFRICA	-	-	-	30	4	5
OTHER	-	-	-	15	2	1
TOTAL	1,259	168	166	1,888	252	261

COUNTRY	1954			1955		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	35	5	10	126	17	23
CUBA	8	1	1	-	-	-
ECUADOR	96	13	17	60	8	9
PHILIPPINE REPUBLIC	466	62	72	-	-	-
UNION OF SOUTH AFRICA	-	-	-	39	5	5
OTHER	245	32	28	160	21	17
TOTAL	850	113	128	385	51	54

COUNTRY	1956			1957 1/		
	POUNDS	GALLONS	DOLLARS	POUNDS	GALLONS	DOLLARS
CANADA	10	1	2	78	10	14
CUBA	15	2	4	-	-	-
UNION OF SOUTH AFRICA	9	1	2	6	1	1
OTHER	32	5	6	37	5	20
TOTAL	66	9	14	121	16	35

1/ DATA NOT SHOWN AFTER 1957.

NOTE:--THE FACTOR 7.5 HAS BEEN USED TO CONVERT GALLONS OF OIL TO POUNDS.

SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

SECTION 15

STATISTICAL SURVEY PROCEDURE

This is another in a series of annual reports containing detailed statistics, analytic textual reviews, and graphic presentations on the commercial fisheries of the United States. Included are data on the quantity and value of the commercial yield of fishery products by States, sections, and gear; and the number of persons and operating units engaged in the fisheries. In the Great Lakes and Mississippi River Sections, the catch is also tabulated by water bodies. The publication contains data on the volume and value of processed fishery products, freezings and cold storage holdings, foreign trade, and other related information. The report has been prepared and published by the Bureau of Commercial Fisheries, Fish and Wildlife Service, U. S. Department of the Interior, and is a continuation of a series inaugurated by its predecessor organizations in the Department of Interior, Commerce, Commerce and Labor, and the U. S. Fish Commission.

In order that those who use the statistical data contained in this and previous reports may be informed as to the source of the figures and methods for their collection, it has been deemed advisable to outline, in moderate detail, the survey procedure followed. This procedure has been developed over many years, and changes in methods have been made at times when such changes have appeared to work toward general improvement. While the surveys in different sections are not made in the same manner, owing to varying facilities and records, an attempt has been made to make the data collected by various methods comparable with respect to the same year as well as over a period of years. Throughout the entire plan, it has been the intention to coordinate State and federal fishery statistical work so that there will be as little duplication of effort as possible.

SECTIONAL SURVEYS

Statistical surveys of the fisheries and fishery industries of the various sections of the United States occupy by far the greatest part of the time of the personnel of the Branch of Statistics. At frequent intervals, field representatives visit the individual fishing localities of the various States to collect statistics on the volume and value of the catch of fish and shellfish, employment in the fisheries, quantity of fishing gear, number and classification of fishing craft, and the volume and value of processed fishery products. The various phases of these surveys are discussed in detail in the sections following.

History--The first comprehensive statistical study of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the U. S. National Museum, and associates, with the cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries, or restricted sections for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however, did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for the years from 1880 to 1907 and from 1909 to 1928. The first complete statistical canvass of the entire United States was made for 1908 by the Bureau of the Census. The next general survey of the entire United States was not made until 1931, although complete data for all sections, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Complete data on the catch and operating units for these same sections were also collected for 1932. In the latter survey, however, lack of sufficient funds prohibited collection of data on the wholesale and manufacturing operations except those data collected as a part of the canned fishery products and byproducts survey. Various sections were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country was made for 1950. Since 1951, all of the coastal areas have been canvassed annually, and catch records have been obtained for the Lakes section. Complete operating unit and catch data have been obtained for all areas since 1954, except that only a partial survey of the Mississippi River and its tributaries was made for 1961. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years from 1941 to 1949, inclusive, and in 1951, lack of experienced personnel and budgetary limitations precluded the collection of data on wholesale and manufacturing firms except for those data collected as part of the canned fishery products, industrial products, and packaged fish surveys.

STATISTICAL SURVEY PROCEDURE

The chart on page 542 indicates the years for which surveys have been made in the various sections. Figures for recent years are available from the Bureau in bulletin form, but data for the earlier years are available only in the Fish Commission and Bureau of Fisheries printed reports. These reports are on file in the Department of the Interior library and in many public libraries.

Since the surveys of the fisheries have varied in completeness, three legends have been used for the years shown in the chart to indicate whether complete, partial, or no surveys were conducted in the individual regions. The designation "complete survey" has been used to indicate that basic operating unit and catch data were obtained and that complete information was collected on employment in wholesale and manufacturing establishments and on the production of manufactured fishery products. The legend "partial survey" usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production of manufactured fishery products. In some instances the designation "partial survey" is used for regions in which only catch statistics were collected. The legend "no survey" indicates that a general canvass was not conducted to obtain operating unit, catch, employment in wholesale and manufacturing plants, and complete manufactured products data. Although the chart indicates that in certain regions no surveys were conducted, some information may be available on the landings at certain important ports. Likewise, information on the catch of certain species, such as menhaden, may be available as a result of data collected in connection with the annual canned fish and byproducts survey. Data on the annual production of canned fishery products and byproducts have been collected for all regions since 1921, while information has been obtained on the production of packaged fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications in which the results were published appeared in Statistical Digest No. 43, "Fishery Statistics of the United States, 1956." A list of the statistical bulletins in the Current Fishery Statistics series published during 1968 may be found in Section 18 of this Digest.

Field Personnel--The statistics contained in this volume have been collected by a group of trained fishery reporting specialists of the Bureau.

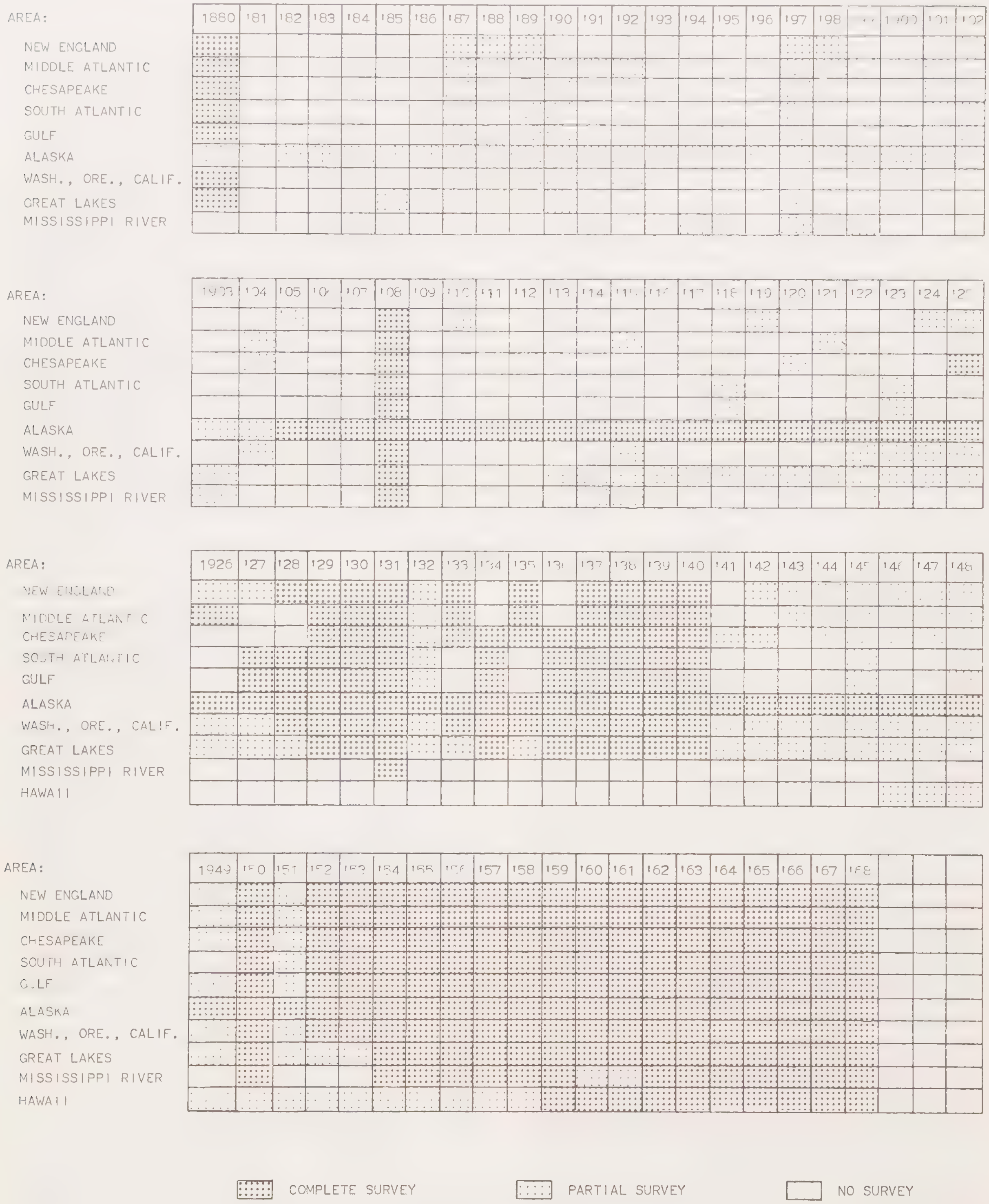
Period Covered--These specialists are assigned to field stations, generally in the principal port within their field, and travel from that station in conducting their various surveys. Most of the reporting agents collect statistics on landings for the current year, and assemble final operating unit, catch, and processed products data for the previous year. It is usually 3 to 10 months after the end of the calendar year for which they are collecting data before the final figures for the digest are available. The data are tabulated and prepared for publication before the end of the year. The figures are collected and published on a calendar year basis. Prior to 1930, statistics on the catch of oysters in the Atlantic and Gulf States were collected for the oyster season; that is, from September to April, inclusive. Since 1930, they have been collected on a calendar year basis.

Scope--The coastal statistical surveys include canvasses of the commercial fisheries of the oceans, bays, and coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics on the fisheries of the Mississippi River include those of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is carried on. Statistics on the fisheries of the Great Lakes cover canvasses of the fisheries in the lakes proper, adjacent bays, the International Lakes of northern Minnesota, and rivers which sustain a commercial fishery having outlets into these waters. Statistics on the fisheries of Florida include the commercial fisheries in Lake Okeechobee and other inland lakes. Surveys for statistics of the wholesale and processing fishery industries cover plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

Methods of Collection--There are several methods used in the collection of fishery statistics, each of which has been carefully

STATISTICAL SURVEY PROCEDURE

SURVEYS OF THE FISHERIES OF THE UNITED STATES



STATISTICAL SURVEY PROCEDURE

studied to obtain the best results with available personnel and funds. In the preparation of operating unit data, the field personnel are supplied with a deck of prepunched vessel cards obtained from the Bureau of Customs. These cards indicate the name, official number, rig code, gross tonnage, length, and year built. Field personnel enter the number of crewmen, and number and type of gear used by the vessel. These data are obtained by interview. Data on the craft of less than 5 net tons are obtained from State conservation agencies and by contact with firms purchasing fish or shellfish from fishermen. The data thus obtained are machine processed to ensure accuracy.

Data on over 96 percent of the catch are available from summaries of monthly landings bulletins and other current records assembled by the Bureau or the various States. If complete catch data are not available from central sources, wholesale dealers and manufacturers of fishery products are visited, and data are obtained from them on their purchases of fish and shellfish. It is impossible for the few Bureau representatives available for this work to interview each fisherman in a given locality. However, the more important areas and a sufficient number of areas of lesser importance are visited to obtain reliable information on production, the number of fishing craft engaged, the quantity of gear operated, catch by gear and waters, and the number of persons employed as fishermen.

The Bureau's role with regard to fishery statistics is principally that of coordinating the collection of information, assembling, analyzing, publishing, and disseminating fishery data. The collection of basic operating unit and catch statistics is primarily a State function. The State fishery agencies in a number of States have developed relatively complete statistical systems which greatly facilitate the Bureau's surveys in these States. In such instances, the Bureau conducts only such surveys as may be necessary to make the data comparable with those of other States.

The Bureau obtains from the records of the State fishery agencies most of the catch statistics for the fisheries of the Great Lakes, the northern Mississippi River area, and the International Lakes of northern Minnesota. To obtain data on the number of fishermen, boats, vessels, and gear, the Bureau conducts such personal surveys among the fishermen as may be necessary to supplement the State records.

Bureau statistical personnel are stationed at Seattle, Wash. and Terminal Island, Cal. for the purpose of surveying the fisheries of Washington, Oregon, and California. They obtain from the records of the State fishery departments figures on the volume of the catch and operating units. The value of the catch is derived from State and dealers' records. In Washington and Oregon, data for operating units in the offshore fisheries are obtained from the records of various fishery organizations as well as from records of the State fishery agencies. Statistics of the wholesale fishery industry for this section are obtained largely by personal interviews.

In many States, the Bureau and the fishery agency of the respective States cooperate in the collection and publication of current monthly and annual data on the catch. These data form the basis of the annual catch figures published in this report for the following States: Maine, Massachusetts, Rhode Island, New York, New Jersey, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, California, Ohio, Michigan, and Wisconsin.

In the administration of the Alaska fisheries, the State requires that copies of all receipts for fish and shellfish purchases from fishermen be furnished to the Alaska Department of Fish and Game. The data on these tickets are compiled and made available to the Bureau. The summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish in the Great Lakes States usually are shown in weights as landed, which may be in the round or drawn condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are usually shown in round weight.

The figures in the tables for shellfish represent the weight of the meats in the cases of univalve and bivalve mollusks, and the round weight of crustaceans and such cephalopods as squid and octopus.

Shore and Vessel Fisheries--In general, statistics of the shore fisheries, as collected by the Bureau's representatives, include data on the number of casual and regular fishermen; number of motor and other fishing boats (craft of less than 5 net tons capacity are called "boats"); type and quantity of gear used; and the volume, value, and method of capture of each species for each locality or group of localities. This method is not followed in some sections where the availability of data collected by the State fishery agencies obviates the necessity of detailed locality surveys.

Statistics of the vessel fisheries include data on the number in the crew; rig of vessels; gross tonnage; kind and quantity of gear used; and volume, value, and method of capture of each species. Craft having a capacity of 5 net tons or over are called "vessels." As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of Bureau agents collecting these data for individual vessels. Information on the year vessels were built was assembled for 1961 and 1966.

Statistics on the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not reported.

All persons engaged in commercial fishing operations are included as fishermen. In most areas, fishermen not on vessels have been divided into "regular" and "casual". Regular fishermen are defined as those who receive more than one-half their annual income from fishing, whereas casual fishermen are those who receive less than one-half their annual compensation from fishing. It has not been possible to separate regular from casual fishermen on the Pacific Coast.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year, it was the practice of the Bureau to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual point of landing. This policy was discontinued since it quite often resulted in inconsistencies by crediting catches of some species to areas far removed from localities in which they are commonly taken. An outstanding example of this is the southern trawl fishery conducted off the New Jersey, Maryland, Virginia, and North Carolina coasts. Some fishing vessels from New England operate in this fishery for 6 to 10 weeks during the winter season. Prior to the survey for 1942, the catch of these vessels, consisting principally of fish common to Middle Atlantic waters, was credited to Massachusetts. Under the present system, this catch is credited to the Middle Atlantic ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the remainder of the country, craft, fishermen, and gear have been reported for each State in which they fished. A total exclusive of duplication is shown for each section and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given State. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one State has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut longlines or setlines on the Pacific Coast. In this fishery, each skate of gear is counted as one line, even though fastened together in fishing, because the International Pacific Halibut Commission uses a skate of gear as a unit in its studies of fishing intensity.

Beginning with 1962, only summary data have been shown on the number of fishing gear operated in the Great Lakes and the International Lakes of northern Minnesota. These data appear in the General Review section of the Digest in the table "Summary of Operating Units." In detailed operating unit tables for these lakes, the number and size of gear have been replaced by information on the fishing effort expended in the operation of each gear.

Publication of Data--Statistics on employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to geographic divisions and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in the annual statistical report of the Bureau entitled "Fishery Statistics of the United States."

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938 except for 1932. These data have also been published in the digests for the years 1945, 1950, 1955, and 1960. County data were collected for the State in which surveys were conducted during the years since 1938, except for Maryland. Between 1942 and 1959, only operating unit data by counties have been obtained for Maryland. Complete data were obtained for 1960. County data assembled for the years since 1938, which were not published in the Digest, are on file in the Washington office of the Bureau.

LOCAL AND SPECIAL SURVEYS

Landings at Certain Massachusetts Ports--Detailed statistics are collected on the landings of aquatic products by individual fishing craft at Boston, Gloucester, New Bedford, Plymouth, Provincetown, and other Cape Cod ports. Bureau representatives are stationed at the principal ports. They obtain figures on the quantity and value of fish landed daily by fishing craft, the dates of departure and arrival of the craft, the gear used in their capture, the grounds from which the fish were taken, and other related information. The Bureau's Division of of Biological Research and Branch of Market News cooperate in the collection of these data.

Statistics on landings at the above ports are released monthly and annually in bulletin form, and summary data are published in the annual statistical digest. Products of American fisheries received duty free at Boston and Gloucester from the treaty coasts of Newfoundland, Magdalen Islands, and Labrador have not been included in the landings at these ports since 1938. Data on the landings at Boston and Gloucester have been collected annually since 1893. Information on landings at New Bedford has been collected annually since 1938; and at Plymouth, Provincetown, and other Cape Cod ports, since 1945.

Shad and Alewife Fisheries--Owing to the importance of the Hudson and Potomac Rivers in the production of shad, surveys for statistics on the catch, value of the catch, and operating units are made annually. On the Potomac River, similar statistics are also obtained for the alewife fishery. Much of the data required for these surveys is available from the States' fishery agencies.

Annual data on the shad and alewife fisheries are not published separately in bulletin form. However, a summary is published in the annual statistical digest.

Statistics on the Hudson River shad fishery are available for 1896, 1897, 1898, 1901, 1904, 1910, and continuously since 1915. Data for the Potomac River shad fishery are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944. Statistics on the Potomac River alewife fishery are available for 1896, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944.

Pacific Halibut Fishery--Statistics on the Pacific halibut fishery are obtained primarily from the International Pacific Halibut Commission. Beginning with data for 1956, the fleet classification of halibut craft was revised and vessels were credited in operating unit tables to each district in which they landed fish; the only exception being that U.S. vessels landing at Prince Rupert, British Columbia, are credited to Southeastern Alaska. Duplication of halibut craft which operated in more than one district has been eliminated in regional and national totals. The catch by the halibut fleet is credited to the port of landing except that fish landed by U.S. halibut craft in British Columbia is credited to Southeastern Alaska. Halibut statistics are also included in the monthly and annual summaries published by the Seattle Fishery Market News Office. Statistics on the landings of halibut at Pacific Coast ports have been collected since 1925.

South Atlantic and Gulf of Mexico Shrimp Fishery--Detailed statistics on the quantity and value of shrimp, by variety and size, landed at South Atlantic and Gulf ports, have been collected for the Gulf area since 1956 and the South Atlantic since 1957. Since 1956, Bureau personnel have also obtained daily information on the number of fishing trips, area and

STATISTICAL SURVEY PROCEDURE

depth fished, and time spent in fishing by craft landing at U.S. ports in the Gulf of Mexico. The Branch of Market News, the Bureau's Branch of Marine Fisheries of the Division of Biological Research, and various fishery agencies of the southern States cooperate in the collection of these data.

Detailed monthly and annual summaries of the statistics on shrimp catch and landings are published in bulletin form and are summarized in the annual statistical digests.

Hawaiian Fisheries-- The common and scientific names of the species of fish and shellfish landed in Hawaii are not included in Section 14 of this report.

Historical Fishery Statistics-- The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data on fisheries. Beginning with the 1951 Digest, a section entitled "Historical Fishery Statistics," which includes complete historical information on selected species, has been carried. There is published each year a listing of the titles of the series of data appearing in earlier editions.

Review of Certain Major Fisheries--For the years 1942-66, tabulations containing complete data on the catch of certain major species have been included in a section of the Digest entitled "Review of Certain Major Fisheries." Although the data are included in the detailed catch tables of the various States, they are consolidated in this section to provide a single source of data for cod, haddock, halibut, Pacific mackerel, jack mackerel, menhaden Atlantic ocean perch, salmon, tuna, oysters, clams, crabs, and shrimp. Data on operating units in the following fisheries have likewise been consolidated in this section: halibut, salmon purse seine and troll line, Atlantic and Pacific Coast tuna, menhaden purse seine, fish and shrimp otter trawl. Tabulations for 1967 are shown in the 1968 Digest.

Canned Fishery Products and Industrial Products--Since 1921, the Bureau has made annual sectional surveys for statistics on canned and industrial fishery products. These surveys are started the first week in January of each year for statistics on the production in the preceding year. So far as possible, the Bureau obtains by mail statistics on the annual production of each domestic canned and industrial fishery products plant. If it is impossible to obtain the information by mail, the report is secured by a Bureau representative. Included in the data obtained are statistics on the yield and value of the canned products by type of commodity, can size, and area of production. Data on industrial products are obtained by commodity and area of production. The value shown for canned and industrial products is the gross amount received by the packer at the production point. No deductions are made for commissions or expenses.

Annual statistical bulletins are issued on this trade, and detailed data are published in the statistical Digest. Prior to 1921, canned and industrial products data were not collected for the entire country. However, data on the production of these products were usually obtained for the areas in which general canvass surveys were conducted.

Fish Meal and Oil--Data are collected monthly on the domestic production of fish meal, body oil, fish solubles, and homogenized condensed fish. This information is released monthly and annually in the Bureau's Current Fishery Statistics series of bulletins.

Packaged Fish Trade--Statistics on the annual production and value of fish packaged in the United States, excluding the States of Alaska and Hawaii, are obtained in conjunction with the canned and industrial fishery products survey. These data are released annually in bulletin form and in the annual statistical digest. Statistics on the production of packaged fish are available for 1926 and annually since 1928, except that no data were collected in California for the years 1941 to 1946, inclusive.

Fish Sticks and Portions--Quarterly information is collected and published on

STATISTICAL SURVEY PROCEDURE

the production and value of cooked and raw fish sticks and breaded, cooked, and raw fish portions, and unbreaded fish portions. The data are released in the Bureau's Current Fishery Statistics series of bulletins.

Cold-Storage Holdings of Fish--Information on the monthly freezings and holdings of fishery products is obtained from cold storage warehouses by mail and by Bureau employees. Data are also obtained on the holdings of certain cured fish. Bulletins showing these statistics are issued monthly and annually

Detailed cold-storage statistics also are published in the Bureau's annual statistical digest. Information regarding cold-storage holdings of fishery products has been published since 1917, while data on the quantity of fish frozen have been released for the years from 1920 to 1925, inclusive, and continuously since 1928.

Foreign Fishery Trade--Statistics on foreign fishery trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics on all known imported or exported fishery products have been assembled and published annually since 1926 in the Bureau's statistical digest. For earlier years, figures are available in the reports of the Bureau of the Census, Bureau of Foreign and Domestic Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the Treasury Department.

PRACTICES AND TERMS

Certain practices and terms used in this report are explained below.

Operating Units--Operating units include persons employed in the fisheries, and craft and gear engaged in the fisheries.

Vessel--A craft having a capacity of 5 net tons or over.

Boat--A craft having a capacity of less than 5 net tons.

Days Absent--In computing "days absent" for vessels landing fares at certain Massachusetts ports, the day of arrival, but not the day of departure, is included; thus, a vessel leaving port on the 8th of the month and returning on the 15th of the month will be credited with 7 days absence. Prior to 1944, "days absent" included both the day of departure and the day of arrival.

Days Fished--In computing "days fished" for fishing craft landing shrimp at Gulf of Mexico ports, the total number of hours spent in fishing effort has been divided by 24.

Fish--The term "fish" as used in this report includes all species belonging to the class Pisces.

Shellfish, etc.--A shellfish is an aquatic invertebrate animal having a shell, such as a mollusk or crustacean. However, in order to reduce the classifications appearing in the catch tables, all items not properly listed as "Fish" or "Whale Products" have been included under "Shellfish, etc." Accordingly, turtles, frogs, sponges, seaweed, and worms are included under this classification.

Whale Products--Since data are not available on the poundage of whales taken, statistics appearing in catch tables on the yield of these mammals represent the weight of products produced such as meal, sperm oil, whale oil, etc. The values shown represent the amount received by the manufacturer for the products.

Incidental Catch--The term "incidental catch" refers to the catch of certain species by a type of gear which ordinarily does not capture such species.

Percentages--Percentages are usually shown as whole numbers. Fractions of percents are dropped if less than five-tenths, and the percentage is raised to the next higher integer if the fraction is greater than five-tenths. If the fraction is exactly five-tenths, odd integers are raised to the next even figure while even integers remain unchanged.

Converting--Many of the figures shown in the summary tables published herewith have been converted to thousands of pounds or thousands of dollars. In making these conversions the sum of the items in a table is raised or lowered to the nearest thousand in accordance with standard statistical procedures. The individual items are adjusted to conform to the total thus obtained.

Confidential Data--The statistical data collected by the Bureau are confidential, and unless specific authorization is given, are not released in a manner that would divulge private enterprise.

CONVERSION FACTORS

It is the policy of the Bureau to show detailed catch figures of all products in pounds for the sake of uniformity and for purposes of comparison This represents little difficulty in the case of fish, since in very rare instances are fish reported in units of measure other than pounds. For shellfish, however, the units of measure may be bushels, sacks, barrels, numbers, gallons of meats, etc. So many units make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various states, the problem becomes even more complex.

All univalve and bivalve mollusks (except fresh-water mussel shells) are reported in pounds of meats in the detailed catch tables presented in this report. In addition, there are included supplementary tables for most of the sections, which give data on the production in bushels. These supplementary tables also give the production in number of certain other shellfish, such as crabs. There also is included in the General Review section of this report a table containing data on the shell weight of univalve and bivalve mollusks taken.

Oysters--Probably the greatest problem in the presentation of fishery statistics in uniform units of measure is in the case of oysters. Usually the production of oysters on the Atlantic and Gulf Coasts is reported to Bureau personnel in bushels. Prior to the data obtained for the year 1930, bushels were converted to pounds of meats on the basis of a uniform yield of 7 pounds of meats to the bushel. However, it was found that there was considerable variation in the yield of oysters per bushel particularly in southern states where the yield has ranged as low as half the conversion factor used prior to 1930. There follows a table which gives the measures used for oysters in the various States and the average yields per bushel. The statistical tables in this report are based on these average yields.

MEASURES AND YIELD OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS, 1968	
				STATE BUSHEL	U.S. STANDARD BUSHEL
	CUBIC INCHES	CUBIC INCHES	PERCENT	POUNDS OF MEATS	POUNDS OF MEATS
MAINE	2,150.4	-	-	7.50	7.50
MASSACHUSETTS . .	2,150.4	-	-	6.50	6.50
RHODE ISLAND. . .	2,150.4	-	-	7.00	7.00
CONNECTICUT . . .	2,150.4	-	-	7.70	7.70
NEW YORK.	2,150.4	-	-	7.50	7.50
NEW JERSEY. . . .	2,257.3	+ 106.9	+ 5.0	7.20	6.86
DELAWARE.	2,257.3	+ 106.9	+ 5.0	6.80	6.48
MARYLAND.	2,800.7	+ 650.3	+ 30.2	7.97	6.12
VIRGINIA.	3,003.9	+ 853.5	+ 39.7	8.86	6.34
NORTH CAROLINA. .	2,801.9	+ 651.5	+ 30.3	6.28	4.82
SOUTH CAROLINA. .	4,071.5	+ 1,921.1	+ 89.3	4.96	2.62
GEORGIA	5,343.9	+ 3,193.5	+ 148.5	7.93	3.19
FLORIDA, EAST COAST.	3,214.1	+ 1,063.7	+ 49.5	6.10	4.08
FLORIDA, WEST COAST.	3,214.1	+ 1,063.7	+ 49.5	6.26	4.19
ALABAMA	2,826.2	+ 675.8	+ 31.4	6.77	5.15
MISSISSIPPI . . .	2,826.2	+ 675.8	+ 31.4	5.26	4.00
LOUISIANA	2,148.4	- 2.0	- 0.1	-	4.88
TEXAS	2,700.0	+ 549.6	+ 25.6	6.05	4.82

AVERAGE YIELD OF CERTAIN MOLLUSKS, 1968

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

STATE	CLAMS								CONCHS	MUSSELS, SEA	PERIWINKLES AND COCKLES	SCALLOPS		
	HARD		OCEAN QUAHOG	RANGIA	RAZOR	SOFT	SUNRAY VENUS	SURF				BAY	CALICO	SEA
	PUBLIC	PRIVATE												
MAINE	11.00	-	-	-	-	15.00	-	-	-	15.00	18.00	-	-	6.00
MASSACHUSETTS	11.00	11.00	10.00	-	16.00	13.00	-	11.00	15.00	10.00	-	6.00	-	6.00
RHODE ISLAND.	12.00	-	10.00	-	-	13.00	-	-	15.00	-	-	-	-	6.00
CONNECTICUT .	12.00	12.00	-	-	-	-	-	11.00	15.00	-	-	-	-	6.00
NEW YORK. . .	12.00	12.00	-	-	-	16.00	-	17.00	15.00	10.00	-	6.00	-	6.00
NEW JERSEY. .	10.00	10.00	-	-	-	12.00	-	17.00	20.00	-	-	6.50	-	6.00
DELAWARE. . .	8.00	8.00	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND. . .	8.00	-	-	-	-	12.00	-	17.00	20.00	-	-	-	-	-
VIRGINIA. . .	8.00	8.00	-	-	-	12.00	-	17.00	20.00	-	-	-	-	6.00
NORTH CAROLINA	8.75	-	-	8.10	-	-	-	-	-	-	-	6.00	-	6.00
SOUTH CAROLINA	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA . . .	-	-	-	-	-	-	-	-	-	-	-	-	4.01	-
FLORIDA, EAST COAST. . . .	8.00	-	-	-	-	-	-	-	-	-	-	-	3.50	-
FLORIDA, WEST COAST. . . .	8.50	-	-	-	-	-	6.62	-	14.00	-	-	5.31	-	-

STATISTICAL SURVEY PROCEDURE

RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT

ITEM	SOUTH ATLANTIC AND GULF CATCH		PACIFIC AND NORTH ATLANTIC CATCH	
	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:
HEADLESS:				
BROWN (PENAEUS AZTECUS) .	62.1	1.61	-	-
PINK (PENAEUS DUORARUM) .	62.5	1.60	-	-
WHITE (PENAEUS SETIFERUS)	64.9	1.54	-	-
ROYAL RED (HYMENOPENAEUS ROBUSTUS).	55.6	1.80	-	-
SEA BOBS (XIPHOPENAEUS KROYERI)	65.4	1.53	-	-
OTHER (MOSTLY PANDULUS SPECIES)	-	-	57.0	1.75
ALL SPECIES (WEIGHTED AVERAGE)	62.9	1.59	57.0	1.75
PEELED FANTAIL, RAW 1/. . .	50.0	2.00	-	-
PEELED, RAW 1/.	49.0	2.04	28.0	3.57
PEELED, COOKED 1/	31.9	3.13	-	-
BREADED, RAW (INCLUDING FANTAIL) 1/.	100.0	1.00	-	-
DRIED 1/.	13.0	7.69	-	-
CANNED 1/	31.2	3.21	16.0	6.25

1/ AVERAGE FOR ALL SPECIES

NOTE:--EFFECTIVE IN 1962, THE CONVERSION FACTORS LISTED ABOVE BECAME THE BRANCH OF STATISTICS' FACTORS FOR CONVERTING VARIOUS SHRIMP PRODUCTS TO HEADS-ON (ROUND) WEIGHT.

STATISTICAL SURVEY PROCEDURE

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW BASIC PRODUCT, SOUTH ATLANTIC AND GULF STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT			
	HEADLESS RAW	PEELED FANTAIL RAW	PEELED RAW	PEELED COOKED
HEADS-ON (ROUND)	62.9%	50.0%	49.0%	31.9%
FACTOR	1.59	2.00	2.04	3.13
HEADLESS	100.0%	79.6%	77.9%	50.7%
FACTOR	1.00	1.26	1.28	1.97
PEELED	-	-	100.0%	65.1%
FACTOR	-	-	1.00	1.54

BASIC PRODUCT, RAW	PROCESSED PRODUCT - CONTINUED		
	BREADED RAW	CANNED	DRIED
HEADS-ON (ROUND)	100.0%	31.2%	13.0%
FACTOR	1.00	3.21	7.69
HEADLESS	159.0%	49.6%	20.7%
FACTOR	0.63	2.02	4.83
PEELED	204.1%	63.7%	26.5%
FACTOR	0.49	1.57	3.77

SEE NOTE BELOW FOLLOWING TABLE.

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW PRODUCT, PACIFIC AND NORTH ATLANTIC STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT		
	HEADLESS RAW	PEELED RAW	CANNED
HEADS-ON (ROUND)	57.0%	28.0%	16.0%
FACTOR	1.75	3.57	6.25
HEADLESS	100.0%	49.1%	28.1%
FACTOR	1.00	2.04	3.56
PEELED	-	100.0%	57.1%
FACTOR	-	1.00	1.75

NOTE:--THE QUANTITY OF PROCESSED PRODUCT MULTIPLIED BY THE FACTOR LISTED YIELDS THE WEIGHT OF BASIC PRODUCT REQUIRED TO PRODUCE THE PROCESSED PRODUCT.

OTHER CONVERSION FACTORS

ITEM	WHEN REPORTED AS	TO CONVERT TO:	MULTIPLY BY
OYSTERS.	GALLONS OF SHUCKED MEATS	POUNDS OF SHUCKED MEATS	8.75
CLAMS.	"	"	8.75
SCALLOPS	"	"	8.75
OILS, FISH AND WHALE	GALLONS	POUNDS	7.75
CRAB MEAT:			
BLUE	POUNDS	LIVE WEIGHT	7.14
DUNGENESS.	"	" "	4.17

SECTION 16 - GLOSSARY

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given for fish, shellfish, and other aquatic products taken by United States fishermen.

Common names as shown in Bureau reports	Other common names	Scientific names
FISH		
Alewives	Branch herring, big-eyed herring, river herring	*Alosa pseudoharengus*
	Blueback, glut herring, shad herring	*Alosa aestivalis*
Amberjack	Jack	*Seriola* species
Anchovies		*Engraulis mordax* (Pacific)
Angelfish		*Pomacanthus* species *Angelichthys* species
Anglerfish	Goosefish, allmouth, headfish, monkfish, bellyfish	*Lophius americanus*
Ballyhoo	Balao	*Hemiramphus brasiliensis*
Barracuda		*Sphyraena* species
Bluefish	Tailor, skipjack	*Pomatomus saltatrix*
Blue pike	Pike perch, hard pike, blue pickerel (Canada)	*Stizostedion vitreum glaucum*
Blue runner	Runner, hardtail, crevalle	*Caranx crysos*
Bonito		*Sarda sarda* (Atlantic) *Sarda chiliensis* (Pacific)
Bowfin	Fresh-water dogfish, grindle	*Amia calva*
Brown trout		*Salmo trutta*
Buffalofish	Winter carp	*Ictiobus* species
Burbot	Lawyer, ling	*Lota lota*
Butterfish		*Poronotus triacanthus*
Cabezone	Marbled sculpin	*Scorpaenichthys marmoratus*
Cabio	Black bonito, cobia, ling, lemonfish	*Rachycentron canadus*
Cabrilla	Rock bass	*Epinephelus analogus* (Pacific)
Carp	German carp, summer carp	*Cyprinus carpio*
Catfish and bullheads		*Ictalurus* species *Pylodictis olivaris*
Chubs	Longjaw, bluefin, blackfin (United States), tullibee (Canada)	All *Leucichthys* except *artedi* (Great Lakes)
Cigarfish	Scad	*Decapterus punctatus*
Cisco	Herring (Canada)	*Leucichthys artedi* (Lake Erie only)
Cod	Codfish	*Gadus morhua* (Atlantic) *Gadus macrocephalus* (Pacific)
Crappie	White crappie, calico bass	*Pomoxis annularis*
	Black crappie	*Pomoxis nigromaculatus*
Crevalle	Common jack, jackfish	*Caranx hippos*
Croaker	Crocus, hardhead	*Micropogon undulatus*
Cunner	Chogset, blue perch, bergall	*Tautogolabrus adspersus*
Cutlassfish	Silver eel	*Trichiurus lepturus*
Cusk		*Brosme brosme*
Dolly Varden trout	Salmon trout, bull trout	*Salvelinus malma*
Dolphin		*Corphaena hippurus*
Drum:		
Black	Oyster cracker, oyster drum, sea drum	*Pogonias cromis*
Red	Channel bass, redfish, spotted bass	*Sciaenops ocellata*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Eel:		
Common		*Anguilla rostrata*
Conger		*Conger oceanicus*
Flounders:		
Atlantic and Gulf Coasts:		
Gray sole		*Glyptocephalus cynoglossus*
Lemon sole	(weighing over 3-1/2 pounds each)	*Pseudopleuronectes americanus*
Blackback	Winter flounder (weighing under 3-1/2 pounds each)	
Yellowtail	Dab	*Limanda ferruginea*
Dab	Sea dab	*Hippoglossoides platessoides*
Fluke	Summer flounder, gulf flounder, flounder	*Paralichthys* species
Pacific Coast:		
Arrowtooth halibut		*Atheresthes stomias*
California halibut		*Paralichthys californicus*
Sand dabs		*Citharichthys sordidus*
"Sole":		
Dover		*Microstomus pacificus*
English		*Parophrys vetulus*
Petrale		*Eopsetta jordani*
Rex		*Glyptocephalus zachirus*
Sand		*Psettichthys melanostictus*
Unclassified		Pleuronectidae and Bothidae
Flying fish		*Cypselurus* species
Garfish	Gar, sea gar	*Lepisosteus* species
Gizzard shad	Nanny shad, mud shad, winter shad	*Dorosoma cepedianum*
Goldfish	Sand perch, gold perch	*Carassius auratus*
Groupers	"Sea bass"	*Epinephelus* species *Mycteroporca* species
Grunts	Margate fish, sailors' choice	*Haemulon* species
Haddock		*Melanogrammus aeglefinus*
Hake:		
Red	Squirrel hake, ling, black hake, mud hake	*Urophycis chuss* (Atlantic)
White	Hake	*Urophycis tenuis* (Atlantic)
Pacific	Merluccio	*Merluccius productus* (Pacific)
Halfmoon	Rudder fish	*Medialuna californiensis*
Halibut		*Hippoglossus hippoglossus* (Atlantic) *Hippoglossus stenolepis* (Pacific)
Hardhead	Sacramento rockfish	*Orthodon microlepidotus* (Pacific)
Harvestfish	Starfish, dollarfish, pappyfish, butterfish (N.C.)	*Peprilus paru*
Herring:		
Lake	Herring	*Leucichthys artedi* (Great Lakes except Erie)
Sea		*Clupea harengus* (Atlantic) *Clupea pallasii* (Pacific)
Thread		*Opisthonema oglinum*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Hickory shad	Tailor shad, skip, autumnal herring	*Alosa mediocris*
Hogchoker		*Trinectes maculatus*
Hogfish	Capitaine, perro perro	*Lachnolaimus maximus*
Jack mackerel	Horse mackerel	*Trachurus symmetricus*
Jewfish		*Promicrops itaiara*
King croaker	Kingfish, white croaker	*Genyonemus lineatus*
King mackerel	Cero, kingfish	*Scomberomorus cavalla* *Scomberomorus regalis*
King whiting or "kingfish".	Whiting, sea mink, ground mullet	*Menticirrhus* species
Lake trout		*Salvelinus namaycush*
Lamprey		*Petromyzon marinus* (Atlantic) *Lampetra tridentatas* (Pacific)
Launce	Sand eel, lant, sand launce	*Ammodytes americanus*
Lingcod	Cultus cod, blue cod, buffalo cod, ling	*Ophiodon elongatus*
Boston mackerel		*Scomber scombrus* (Atlantic)
Pacific mackerel		*Scomber japonicus*
Menhaden	Mossbunker, pogy, fatback	*Brevoortia* species
Minnows		Cyprinidae
Mojarra	Sand perch, sand bream	Gerridae
Mooneye	Goldeye, toothed herring	*Hiodon* species
Mullet	Jumping mullet, striped mullet, silver mullet	*Mugil* species
Muttonfish	Mutton snapper	*Lutjanus analis*
Ocean perch:		
Atlantic	Rosefish, redfish, red perch	*Sebastes marinus*
Pacific		*Sebastodes alutus*
Ocean pout	Eelpout, sea pout	*Macrozoarces americanus*
Opaleye		*Girella nigricans*
Paddlefish	Spoonbill cat	*Polyodon spathula*
Perch	Surffish	Embiotocidae (Pacific)
Permit		*Trachinotus goodei*
Pigfish	Hogfish (N.C.)	*Orthopristis chrysopterus*
Pike or pickerel	Great Lakes pike	*Esox* species
Pinfish	Bream, salt-water bream	*Lagodon rhomboides*
Pollock	Boston bluefish	*Pollachius virens* (Atlantic)
Pompano		*Trachinotus* species (Atlantic) *Palometa simillima* (Pacific)
Quillback	Spearfish or skimfish	*Carpiodes* species
Ratfish		*Hydrolagus colliei*
Rock bass	Redeye, goggle-eye, groupers, sand bass	*Ambloplites rupestris* (fresh-water) *Paralabrax nebulifer* (Pacific)
Rockfishes	Rock cod, snapper	*Sebastodes* species (Pacific)
Sablefish	Black cod	*Anoplopoma fimbria*
Salmon:		
Atlantic		*Salmo salar* (Atlantic)
Pacific:		
Chinook or king	Tyee, spring	*Oncorhynchus tshawytscha*
Chum or keta	Fall, dog	*Oncorhynchus keta*
Pink	Humpback	*Oncorhynchus gorbuscha*
Red or sockeye	Blueback	*Oncorhynchus nerka*
Silver or coho		*Oncorhynchus kisutch*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Sand perch	Yellowtail, silver perch	*Bairdiella chrysura*
Sardine (Pacific)	Pilchard	*Sardinops caerulea* (Pacific)
Sauger	Sand pike	*Stizostedion canadense*
Saury	Mackerel-pike	*Cololabis saira*
Sawfish		*Pristis pectinatus*
Sculpin	Scorpionfish	*Myoxocephalus* species
Scup or porgy	Porgee, paugy, fair maid	*Calamus and Stenotomus* species
Sea bass:		
Black	Black jewfish (Pacific) Blackfish (Atlantic)	*Stereolepis gigas* *Centropristes striatus*
White		*Cynoscion nobilis* (Pacific)
Sea catfish	Gafftopsail	*Bagre marinus*
Sea robin		*Prionotus* species
Sea trout or weakfish:		
Gray	Gray trout, squeteague	*Cynoscion regalis*
Spotted	Spotted trout, speckled trout	*Cynoscion nebulosus*
White	White trout, sand trout	*Cynoscion arenarius*
Shad	American shad, white shad	*Alosa sapidissima*
Sharks:		
Grayfish	Dogfish, spiny and smooth dog	*Squalus* and *Mustelus* species
Soupfin		*Galeorhinus zyopterus*
Other		*Carcharodon, Carcharias, Sphryna, Prionace and Lamna* species
Sheepshead:		
Fresh-water	Fresh-water drum, gaspergou, gou	*Aplodinotus grunniens*
Salt-water		*Archosargus* species (Atlantic)
	California redfish, fathead	*Pimelometopon pulcher* (Pacific)
Sierra		*Scomberomorus sierra* (Pacific)
Silversides	Spearing	*Menidia* species
Skates	Ray, rajafish	*Raja* species
Smelt		*Osmerus mordax* (Atlantic and Great Lakes), Atherinidae and Osmeridae (Pacific)
	Eulachon	*Thaleichthys pacificus*
Snapper:		
Mangrove	Gray snapper	*Lutjanus griseus*
Red		*Lutjanus blackfordii*
Vermilion		*Rhomboplites* species
Yellowtail		*Ocyurus chrysurus*
Snook	Robalo, sergeantfish, pike	*Centropomus undecimalis*
Spadefish	Angelfish	*Chaetodipterus faber*
Spanish mackerel	Mackerel	*Scomberomorus maculatus*
Spanish sardine		*Sardinella anchovia*
Splittail		*Pogonichthys macrolepidotus*
Spot	Lafayette, goody	*Leiostomus xanthurus*
Steelhead trout	Salmon trout	*Salmo gairdneri*

(Continued on next page)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Striped bass	Rockfish, rock	*Roccus saxatilis*
Sturgeon:		
Common		*Acipenser* species
Shovelnose		*Scaphirhynchus platorynchus*
Suckers	Fresh-water mullet, redfin, bayfish	*Catostomus* species
Sunfish	Bream, perch, bluegill	*Lepomis* species
Swellfish	Puffer, swell toad, globefish, blowfish	*Sphaeroides maculatus*
Swordfish		*Xiphias gladius*
Tautog	Blackfish, oysterfish	*Tautoga onitis*
Tenpounder	Big-eyed herring, ladyfish	*Elops saurus*
Thimble-eyed mackerel	Chub mackerel, bullseye mackerel	*Pneumatophorus colias*
Tilefish		*Lopholatilus chamaeleonticeps*
Tomcod	Frost fish	*Microgadus tomcod* (Atlantic) *Microgadus proximus* (Pacific)
Triggerfish		*Balistes* species
Tripletail	Sunfish (N.C.), blackfish	*Lobotes surinamensis*
Tullibee	(See chubs)	
Tuna:		
Albacore	Longfin tuna	*Thunnus alalunga*
Bluefin	Horse mackerel	*Thunnus thynnus*
Little	Bonito, albacore, false albacore	*Euthynnus alletteratus*
Skipjack	Striped tuna	*Katsuwonus pelamis*
Yellowfin		*Thunnus albacares*
Turbot		Pleuronectidae (Pacific)
Wahoo		*Acanthocybium solandri*
Warsaw	Black Jewfish	*Garrupa nigrita*
Whitebait	Silversides	*Menidia beryllina* (Atlantic) Small fry of several species (Pacific)
White bass	White lake bass	*Roccus chrysops*
Whitefish:		
Common		*Coregonus clupeaformis*
Menominee		*Prosopium quadrilaterale*
White perch		*Morone americana*
Whiting	Silver hake	*Merluccius bilinearis*
Wolffish	Ocean catfish (New England)	*Anarhichas lupus*
Yellow bass	Bar fish	*Roccus mississippiensis*
Yellow perch	Ringed perch, perch	*Perca flavescens*
Yellow pike	Wall-eyed pike, pike perch, dore (Canadian)	*Stizostedion vitreum vitreum*
Yellowtail	(For Atlantic, see snapper, yellowtail)	*Seriola dorsalis* (Pacific)
CRUSTACEANS		
Crabs:		
Blue:		
Hard	Hard-shell crab	*Callinectes sapidus*
Soft and peeler	Soft-shell crab	
Dungeness		*Cancer magister*
King	Alaska king crab	*Paralithodes camschatica*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
CRUSTACEANS - Continued		
Crabs: - Continued		
Rock		*Cancer irroratus* (New England) *Cancer* species (California)
Stone		*Menippe mercenaria*
Crawfish:		
Fresh-water	Crayfish	*Cambarus* species (Atlantic) *Astacus* species (Pacific)
Salt-water	(See lobsters, spiny)	
Horseshoe crab	King crab	*Limulus* species
Lobsters:		
Northern		*Homarus americanus* (Atlantic)
Spiny	Sea crawfish, rock lobster	*Panulirus argus* (Atlantic) *Panulirus interruptus* (Pacific)
Shrimp	Prawn	*Penaeus*, *Pandalus*, and *Xiphopenaeus* (Atlantic), *Pandalus*, *Pandalopsis*, and *Crangon* species (Pacific)
MOLLUSKS		
Abalone		*Haliotis* species
Clams:		
Cockle		*Cardium corbis* (Pacific)
Hard	Butter	*Saxidomus nuttalli* (Pacific)
	Little neck	*Protothaca staminea* (Pacific)
	Round clam, cherrystone, quahog, little neck	*Venus mercenaria*, *Mercenaria mercenaria*
Ocean quahog		*Arctica islandica*
Razor		*Ensis* species (Atlantic) *Siliqua patula* (Pacific)
Soft	Soft-shell clam, sand clam, nannynose, maninose	*Mya arenaria*
Surf	Skimmer	*Spisula solidissima*
Conchs		*Strombus* species *Busycon* species
Mussels:		
Sea		*Mytilus californianus* (Pacific) *Mytilus edulis* (Atlantic)
Fresh-water:		
Mussel shells		Unionidae
Pearls and slugs		
Octopus	Devilfish	*Paroctopus appollyon*
Oysters:		
Eastern	Cove	*Crassostrea virginica*
Pacific	Japanese	*Crassostrea gigas*
Western	Olympia, native	*Ostrèa lurida*
Periwinkles or cockles		*Littorina* species
Scallops:		
Bay		*Pecten* species (Atlantic) *Pecten caurinus* (Pacific)
Sea		*Placopecten magellanicus*

(Continued on next page)

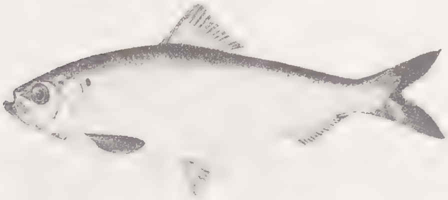
GLOSSARY

Common names as shown in Bureau reports	Other Common names	Scientific names
MOLLUSKS - Continued		
Squid	Inkfish, bone squid, taw taw	*Loligo opalescens* (Pacific) *Loligo pealii* (Atlantic)
OTHER		
Sea urchins	Sea eggs	*Strongylocentrotus drobachiensis*
Terrapin	Diamond-back terrapin	*Malaclemys* species
Turtles:		
Baby		(Young of fresh-water species)
Green		*Chelonia mydas*
Loggerhead		*Caretta* species
Sliders		*Pseudemys* species
Snapper	Hard-shell, alligator turtle	*Chelydra serpentina* *Macrochelys temmickii*
Soft-shell		*Amyda* species
Frogs		*Rana* species
Irish moss		*Chondrus crispus*
Kelp		*Macrocystis* species
Sponges:		
Glove		*Hippiospongia conaliculata*
Grass		*Spongia graminea*
Sheepswool	Wool	*Hippiospongia lachne*
Yellow		*Spongia barbara*
Whales:		
Blue		*Balaenoptera musculus*
Bottlenose		*Berardius bairdi*
Fin		*Balaenoptera physalus*
Humpback		*Megaptera* species
Sei		*Balaenoptera borealis*
Sperm		*Physeter catodon*
Bloodworms		Glyceridae
Sandworms		*Nereis* species

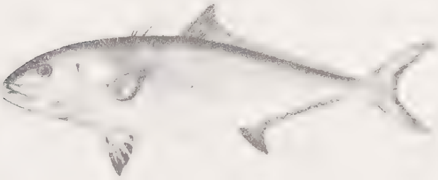
SECTION 17 - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance. Illustrations of species landed in Hawaii are not included in this section.

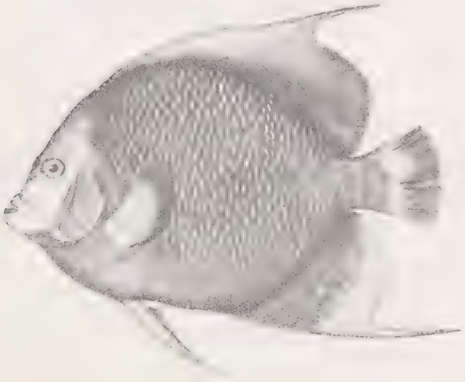
For more detailed information on the nomenclature of the fishery products listed below, the reader is referred to Section 16 of this publication entitled, "Glossary."



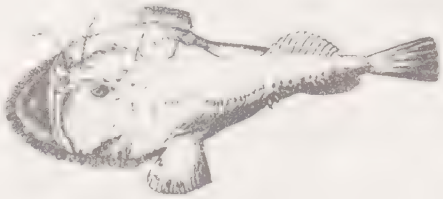
ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES, FLOATING TRAPS,
FYKE NETS



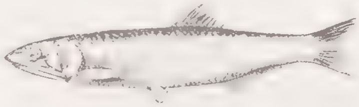
AMBERJACK
RANGE - FLORIDA
GEAR - HANDLINES, TROLL LINES



ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES

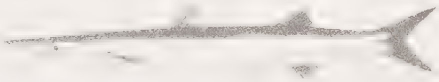


ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS



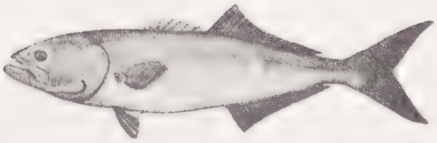
ANCHOVY
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES AND HAUL SEINES

BARRACUDA (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HANDLINES

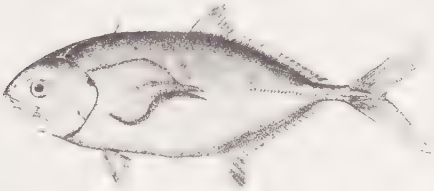


BARRACUDA (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, LONGLINES, HANDLINES,
TROLL LINES, GILL AND TRAMMEL NETS

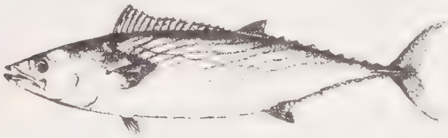
PICTORIAL SECTION



BLUEFISH
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - HAUL SEINES, GILL NETS, POUND NETS, TROLL LINES, PURSE SEINES

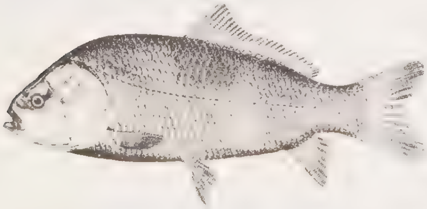


BLUE RUNNER OR HARDTAIL
RANGE - GULF OF MEXICO
GEAR - HAUL SEINES, GILL NETS, POTS



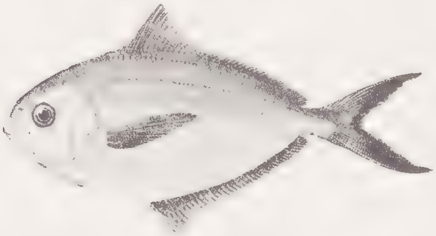
BONITO (ATLANTIC)
RANGE - NORTH CAROLINA TO MASSACHUSETTS
GEAR - POUND NETS, TROLL LINES, GILL NETS

BOWFIN
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS

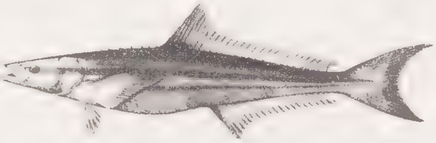


BUFFALOFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS, TRAMMEL NETS, TROTLINES

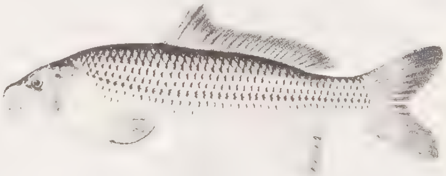
BURBOT
RANGE - GREAT LAKES
GEAR - GILL NETS, FYKE NETS, POUND NETS, TRAP NETS



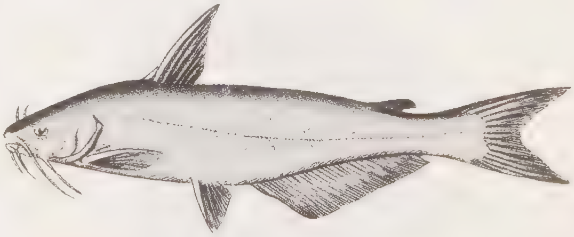
BUTTERFISH
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



CABIO
RANGE - FLORIDA TO VIRGINIA
GEAR - HANDLINES, POUND NETS



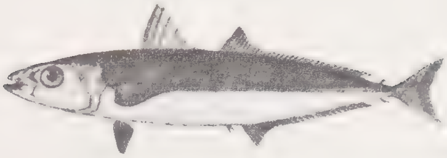
CARP
RANGE - FRESH-WATER
GEAR - HAUL SEINES, GILL NETS, TRAP NETS, FYKE NETS, POUND NETS, TROTLINES



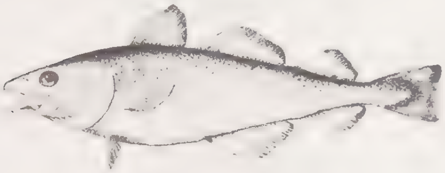
CATFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, POUND NETS, POTS, FYKE NETS

PICTORIAL SECTION

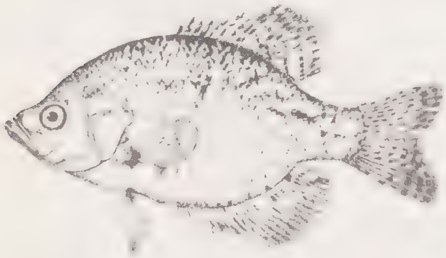
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



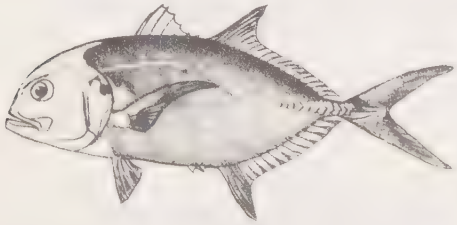
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



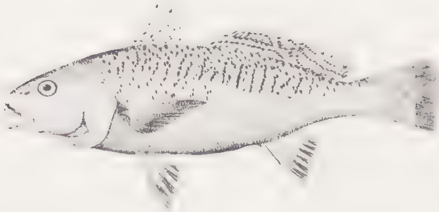
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON,
AND ALASKA
GEAR - OTTER TRAWLS, LONGLINES, GILL NETS



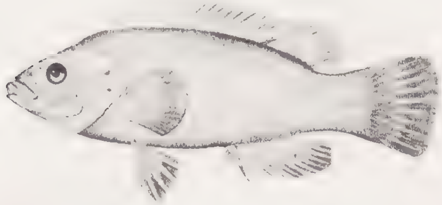
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



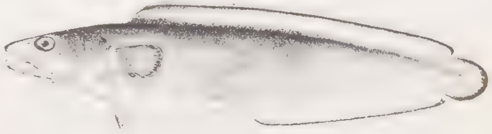
CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES



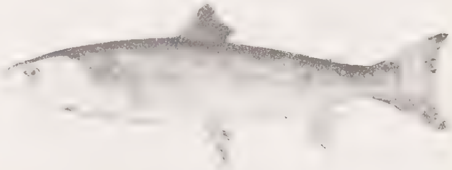
CROAKER
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS, HAUL SEINES,
GILL NETS



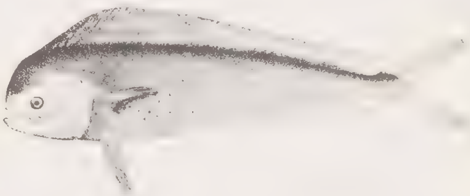
CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES



CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, LONGLINES

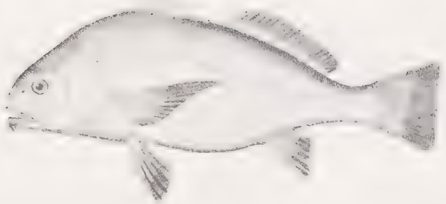


DOLLY VARDEN TROUT
RANGE - PACIFIC
GEAR - POUND NETS, GILL NETS, LINES

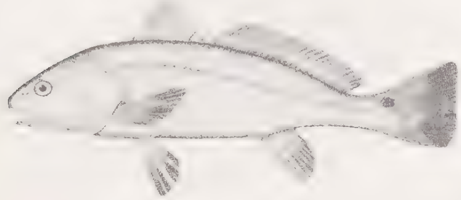


DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES

PICTORIAL SECTION

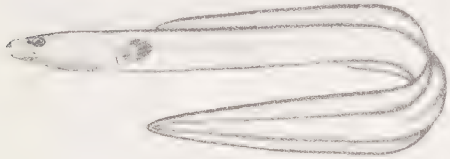


DRUM, BLACK
RANGE - TEXAS TO NORTH CAROLINA
GEAR - HAUL SEINES, POUND NETS, LINES



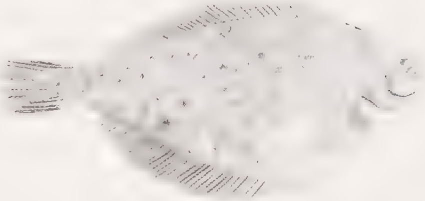
DRUM, RED
RANGE - TEXAS - MARYLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS, LINES

EEL, COMMON
RANGE - FLORIDA TO NEW ENGLAND AND IN MISSISSIPPI RIVER, LAKE ONTARIO
GEAR - POTS, SPEARS. POUND NETS

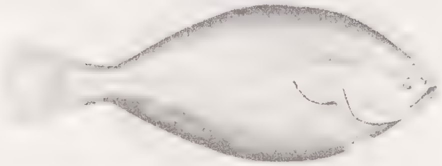


EEL, CONGER
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS

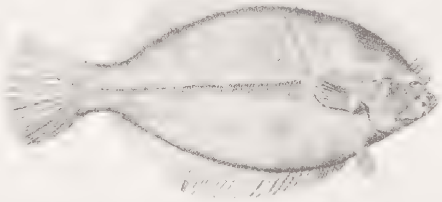
GRAY SOLE
RANGE - MASSACHUSETTS TO MAINE
GEAR - OTTER TRAWLS



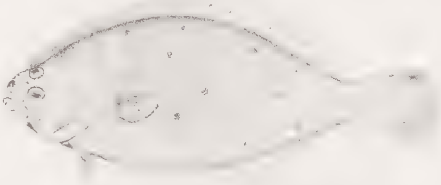
LEMON SOLE
RANGE - NEW YORK TO MAINE
GEAR - OTTER TRAWLS



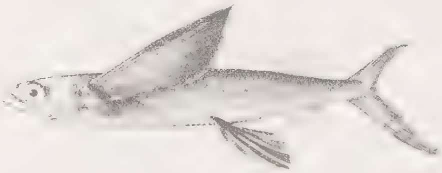
DAB
RANGE - MASSACHUSETTS TO NOVA SCOTIA
GEAR - OTTER TRAWLS, LONGLINES



BLACKBACK OR WINTER FLOUNDER
RANGE - NORTH CAROLINA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS, SPEARS, LINES

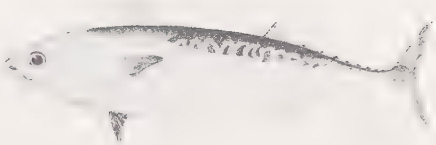


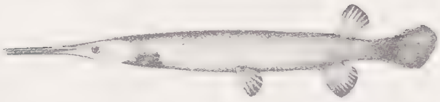
FLUKE
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWL, SPEARS, LINES

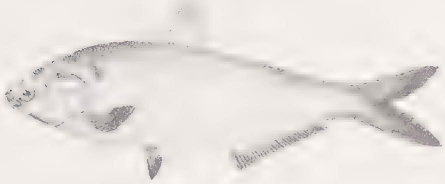


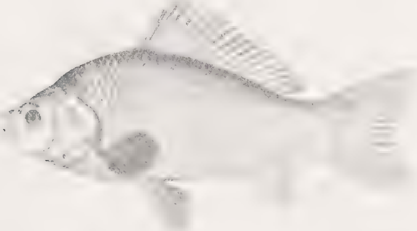
FLYING FISH
RANGE - PACIFIC AND ATLANTIC OCEANS
GEAR - GILL NETS

PICTORIAL SECTION

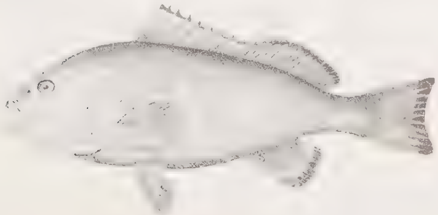

FRIGATE MACKEREL
RANGE - MIDDLE ATLANTIC
GEAR - POUND NETS

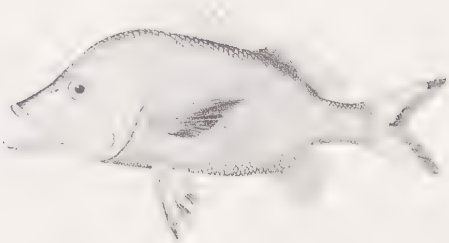

GARFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES

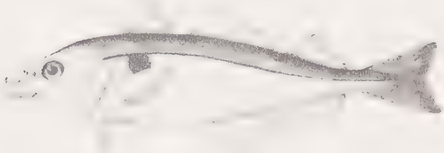

GIZZARD SHAD
RANGE - NORTH CAROLINA TO MARYLAND,
GREAT LAKES
GEAR - HAUL SEINES, POUND NETS, GILL NETS


GOLDFISH
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS

GRAYFISH
RANGE - PACIFIC
GEAR - LONGLINES, OTTER TRAWLS, GILL NETS

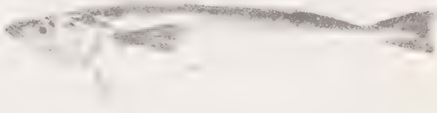

GROUPER
RANGE - TEXAS TO SOUTH CAROLINA
GEAR - HANDLINES, POTS


GRUNT
RANGE - FLORIDA
GEAR - POTS, GILL NETS, LINES


HADDOCK
RANGE - NEW ENGLAND STATES
GEAR - OTTER TRAWLS, GILL NETS, LONGLINES

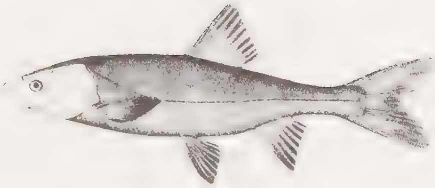
HAKE, RED
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES

HAKE, WHITE
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES

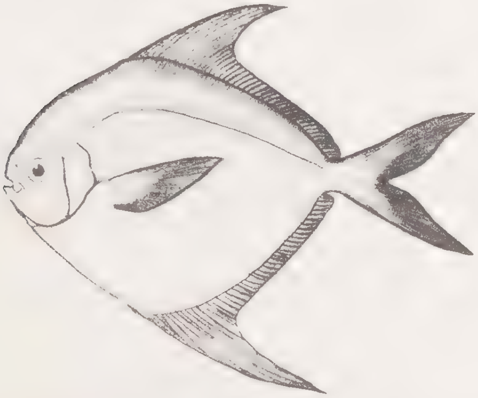

HAKE (PACIFIC)
RANGE - PACIFIC
GEAR - OTTER TRAWLS

HALIBUT
RANGE - PACIFIC COAST - NEW ENGLAND
GEAR - LONGLINES, OTTER TRAWLS

PICTORIAL SECTION



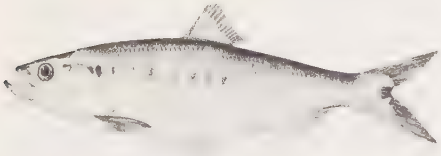
HARDHEAD
RANGE - CALIFORNIA
GEAR - FYKE NETS



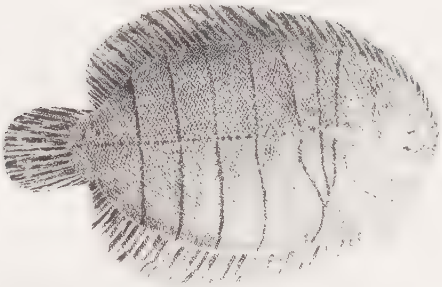
HARVESTFISH OR "STARFISH"
RANGE - NORTH CAROLINA TO CHESAPEAKE BAY
GEAR - HAUL SEINES, POUND NETS

HERRING, LAKE
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, POUND NETS,
TRAP NETS

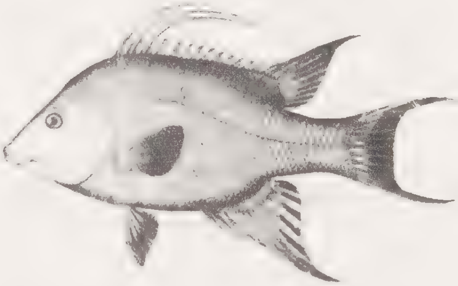
HERRING, SEA
RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC
COAST STATES AND ALASKA
GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS,
STOP SEINES



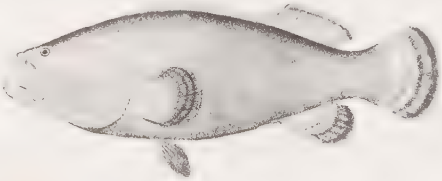
HICKORY SHAD
RANGE - FLORIDA TO RHODE ISLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS
FLOATING RAPS



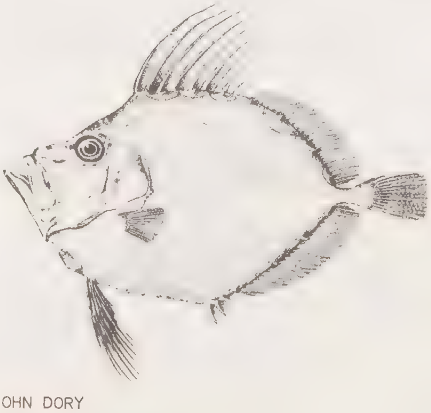
HOGCHOKER
RANGE - CHESAPEAKE BAY
GEAR - POUND NETS, HAUL SEINES



HOGFISH
RANGE - FLORIDA
GEAR - LINES

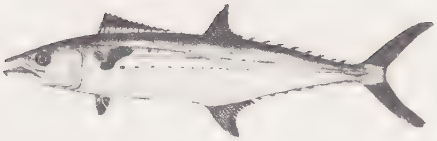


JEWFISH
RANGE - FLORIDA
GEAR - HANDLINES

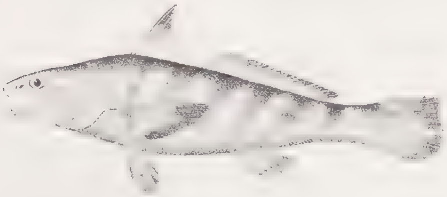


JOHN DORY
RANGE - MIDDLE ATLANTIC STATES
GEAR - OTTER TRAWLS

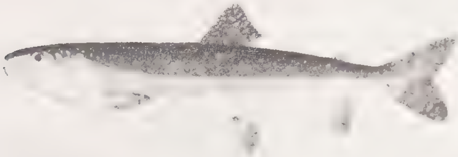
PICTORIAL SECTION



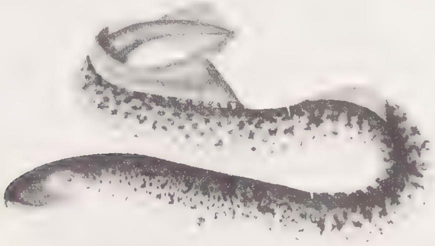
KING MACKEREL
RANGE - TEXAS TO NEW YORK
GEAR - TROLL LINES, GILL NETS, HANDLINES



KING WHITING
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, HAUL SEINES, POUND NETS

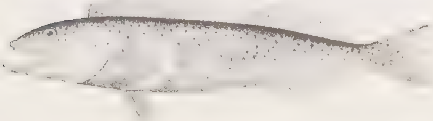


LAKE TROUT
RANGE - GREAT LAKES
GEAR - GILL NETS. LINES, POUND NETS (TRAP NETS)

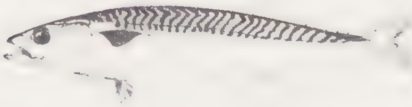


LAMPREY
RANGE - FRESH-WATER
GEAR - POTS, FYKE NETS

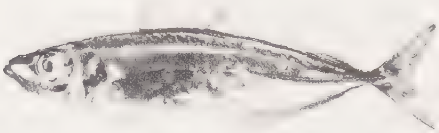
LAUNCE
RANGE - NEW ENGLAND
GEAR - HAUL SEINES



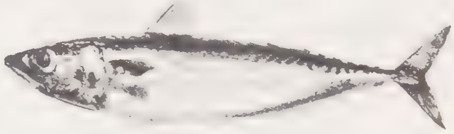
LINGCOD
RANGE - CALIFORNIA TO ALASKA
GEAR - OTTER TRAWLS, LONGLINES, HANDLINES



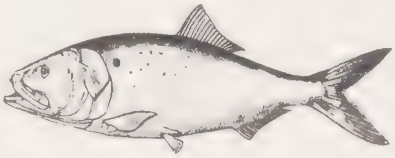
MACKEREL, ATLANTIC
RANGE - CHESAPEAKE BAY TO MAINE
GEAR - PURSE SEINES, GILL NETS, POUND NETS,
FLOATING TRAPS



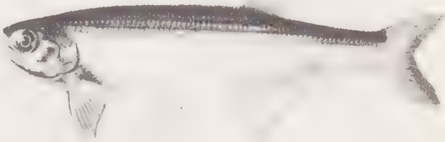
MACKEREL, JACK
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS



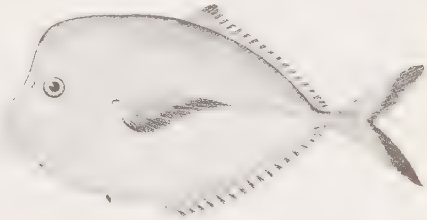
MACKEREL, PACIFIC
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS



MENHADEN
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - PURSE SEINES, POUND NETS

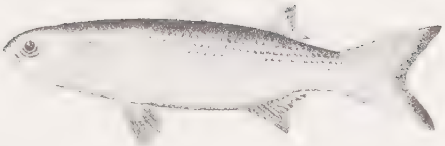


MOONEYE
RANGE - GREAT LAKES
GEAR - HAUL SEINES

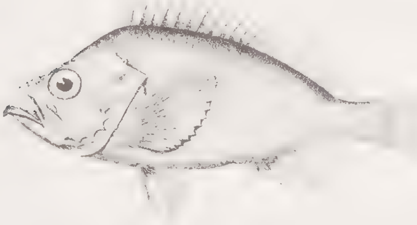


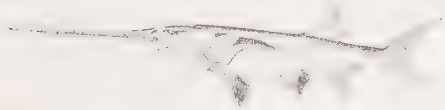
MOONFISH
RANGE - FLORIDA
GEAR - HANDLINES, HAUL SEINES

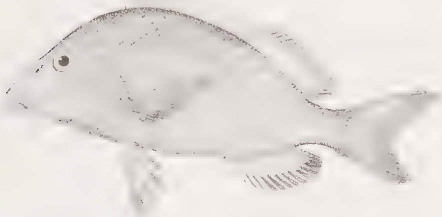
PICTORIAL SECTION


MULLET
RANGE - TEXAS TO NEW JERSEY
GEAR - GILL NETS, HAUL SEINES, POUND NETS, CAST NETS

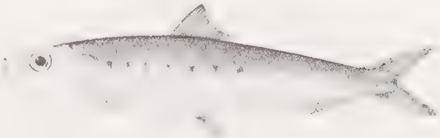
OCEAN POUT
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS

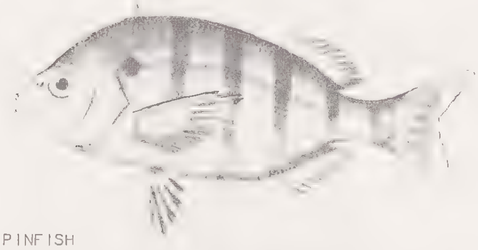

OCEAN PERCH
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS

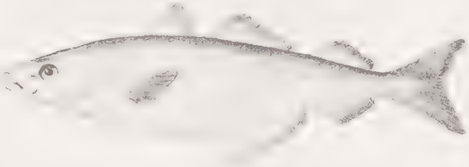

PADDLEFISH
RANGE - GULF OF MEXICO, MISSISSIPPI RIVER
GEAR - HAUL SEINES, TROTLINES

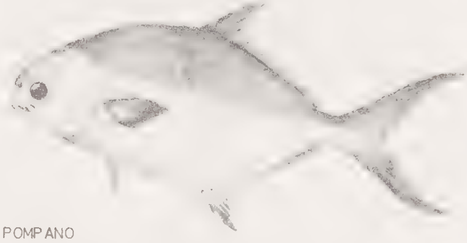

PIGFISH
RANGE - FLORIDA
GEAR - POTS, HANDLINES, GILL NETS

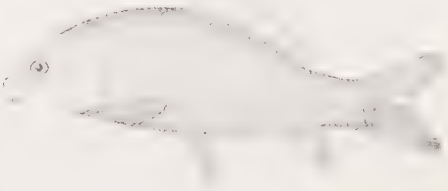
PIKE OR PICKEREL
RANGE - FRESH-WATER
GEAR - TRAP NETS, FYKE NETS, GILL NETS, POUND NETS, HANDLINES

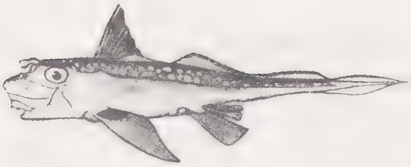

SARDINE, PACIFIC (PILCHARD)
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES, LAMPARA AND RING NETS, GILL NETS


PINFISH
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - HAUL SEINES, GILL NETS

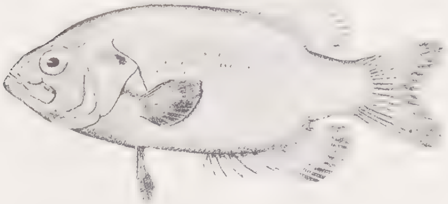

POLLOCK
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, FLOATING TRAPS, POUND NETS, OTTER TRAWLS, GILL NETS


POMPANO
RANGE - TEXAS TO NORTH CAROLINA
GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS, HANDLINES


QUILLBACK
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, FYKE NETS

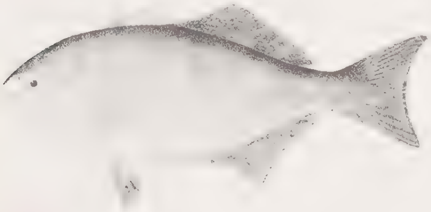


RATFISH
RANGE - WASHINGTON TO ALASKA
GEAR - BEAM TRAWLS, LONGLINES



ROCK BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
GILL NETS

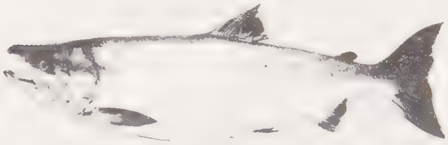
ROCKFISH
RANGE - CALIFORNIA TO ALASKA
GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS,
GILL NETS



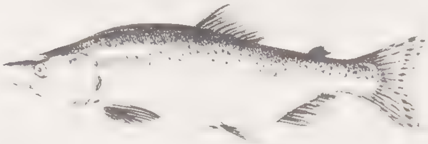
RUDDERFISH
RANGE - CALIFORNIA
GEAR - LAMPARA AND RING NETS

SABLEFISH
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LONGLINES, OTTER TRAWLS

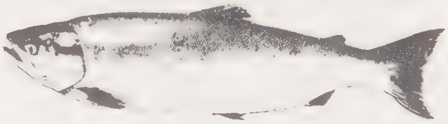
SALMON, CHINOOK OR KING
RANGE - CALIFORNIA TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS,
HAUL SEINES, TROLL LINES, REEF NETS



SALMON, CHUM OR KETA
RANGE - OREGON TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS,
HAUL SEINES, REEF NETS

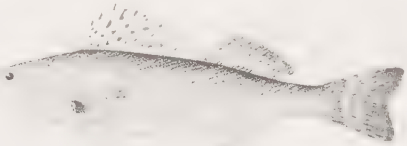


SALMON, PINK
RANGE - WASHINGTON TO ALASKA
GEAR - PURSE SEINES, POUND NETS, GILL NETS
REEF NETS



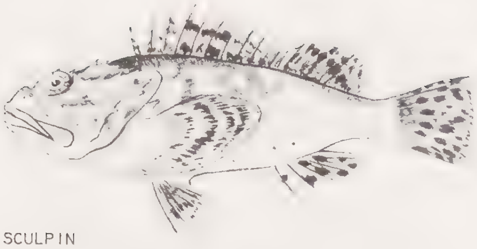
SALMON, RED OR SOCKEYE
RANGE - OREGON TO ALASKA
GEAR - GILL NETS, PURSE SEINES, POUND NETS,
REEF NETS

SALMON, SILVER OR COHO
RANGE - CALIFORNIA TO ALASKA
GEAR - HAUL SEINES, PURSE SEINES, GILL NETS,
TROLL LINES, POUND NETS. REEF NETS

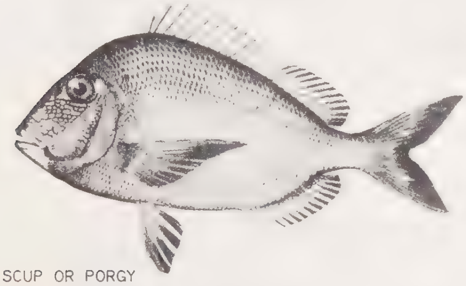


SAUGER
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
FYKE NETS

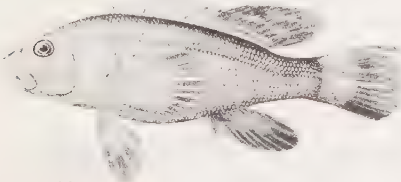
PICTORIAL SECTION



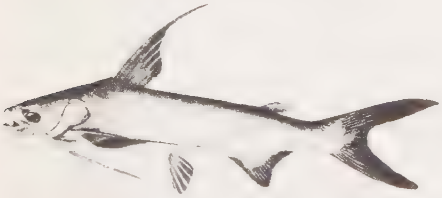
SCULPIN
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LINES, GILL NETS, POTS



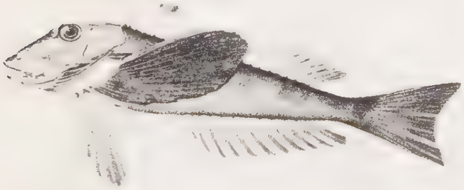
SCUP OR PORGY
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, POUND NETS



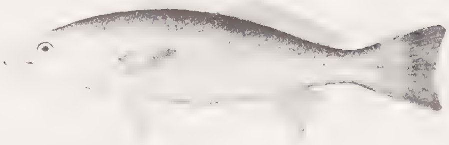
SEA BASS
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES, POTS



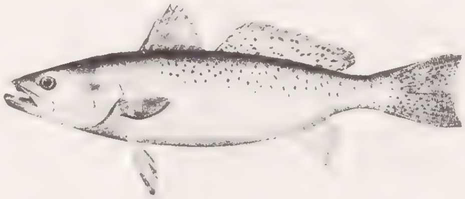
SEA CATFISH
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - OTTER TRAWLS, HAUL SEINES, HANDLINES



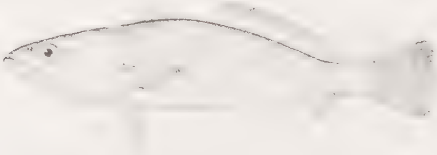
SEA ROBIN
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, OTTER TRAWLS



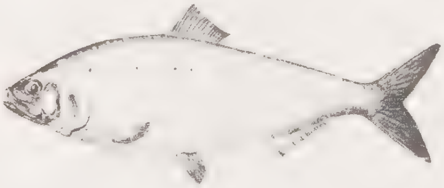
SEA TROUT OR WEAKFISH, GRAY
RANGE - FLORIDA TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,
GILL NETS, HAUL SEINES



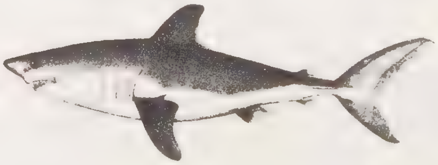
SEA TROUT OR WEAKFISH, SPOTTED
RANGE - MARYLAND TO TEXAS
GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES,
POUND NETS, OTTER TRAWLS, HANDLINES



SEA TROUT OR WEAKFISH, WHITE
RANGE - GULF OF MEXICO
GEAR - GILL NETS, HAUL SEINES, HANDLINES

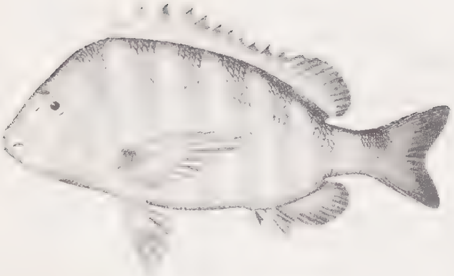


SHAD
RANGE - FLORIDA TO NEW ENGLAND
GEAR - GILL NETS, POUND NETS, FYKE NETS,
HAUL SEINES

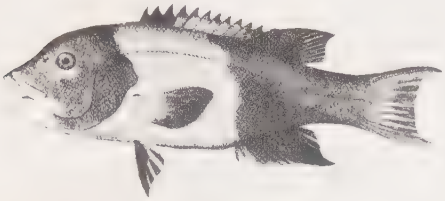


SHARK
RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES
GEAR - LONGLINES, GILL NETS, OTTER TRAWLS

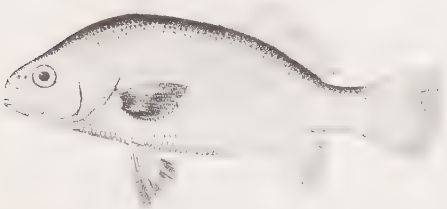
PICTORIAL SECTION



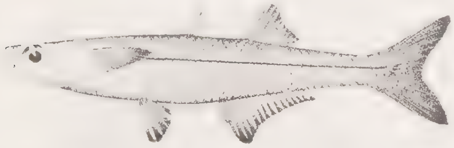
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HANDLINES, POTS



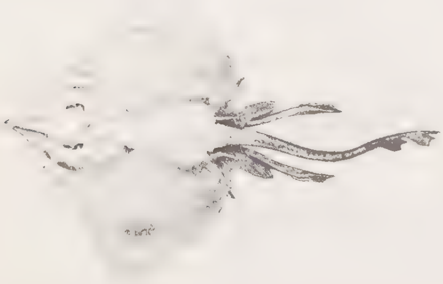
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - LONGLINES, TRAMMEL NETS



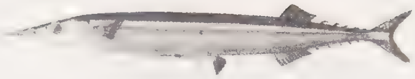
SAND PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS, POUND NETS



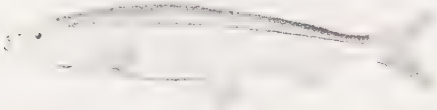
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTTER TRAWLS



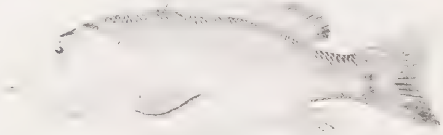
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



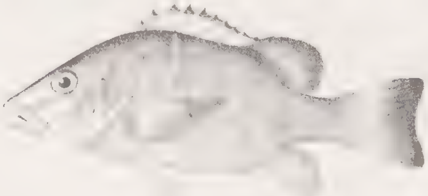
SKIPPER
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



SMELT
RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,
GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



SNAPPER, MANGROVE
RANGE - FLORIDA
GEAR - HANDLINES, GILL NETS

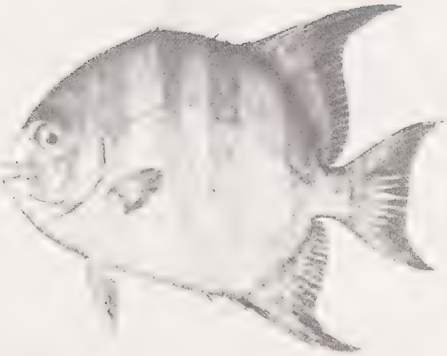


SNAPPER, LANE
RANGE - FLORIDA
GEAR - HANDLINES

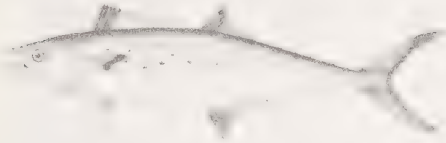
SNAPPER, RED
RANGE - TEXAS TO FLORIDA
GEAR - HANDLINES

SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HANDLINES, HAUL SEINES

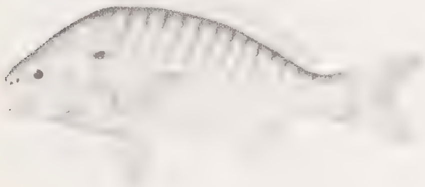
PICTORIAL SECTION



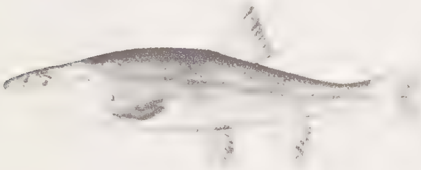
SPADEFISH
RANGE - FLORIDA
GEAR - GILL NETS, TRAMMEL NETS



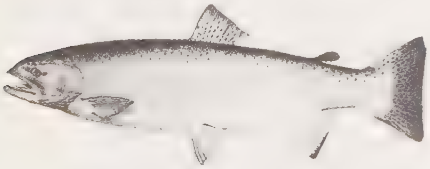
SPANISH MACKEREL
RANGE - TEXAS TO VIRGINIA
GEAR - GILL NETS, LINES, HAUL SEINES



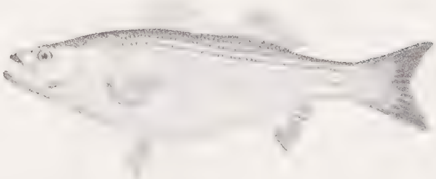
SPOT
RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
OTTER TRAWLS



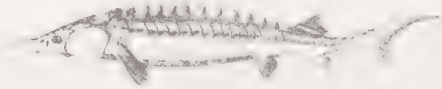
SQUAWFISH
RANGE - CALIFORNIA
GEAR - FYKE NETS, GILL NETS



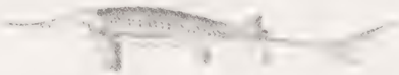
STEELHEAD TROUT
RANGE - OREGON TO ALASKA
GEAR - HAUL SEINES, POUND NETS, GILL NETS,
LINES, DIP NETS



STRIPED BASS
RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNI
TO OREGON
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
HANDLINES, FYKE NETS

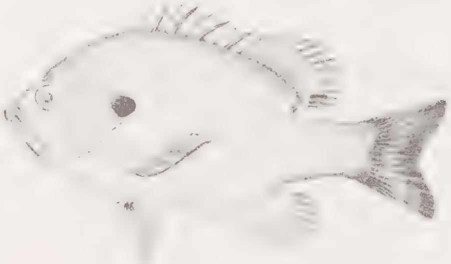


STURGEON
RANGE - COASTAL AND RIVER AREAS
GEAR - GILL NETS, LINES

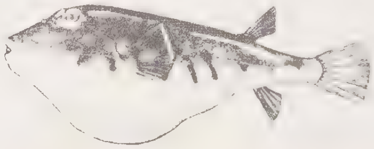


STURGEON, SHOVELNOSE
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES, POUND NETS

SUCKER
RANGE - FRESH-WATER
GEAR - POUND NETS, FYKE NETS, GILL NETS,
HAUL SEINES, TRAP NETS

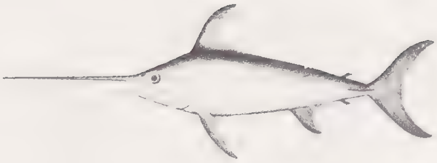


SUNFISH
RANGE - FRESH-WATER
GEAR - POTS, SEINES, TRAP NETS

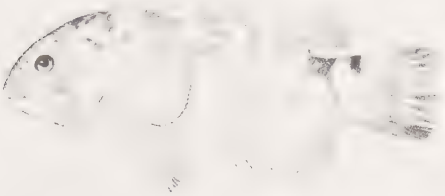


SWELLFISH
RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS

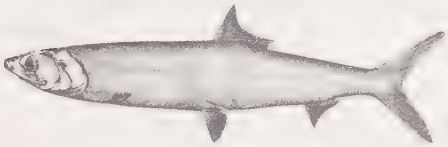
PICTORIAL SECTION



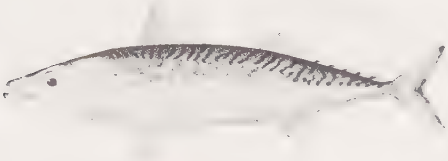
SWORDFISH
RANGE - NEW ENGLAND AND CALIFORNIA
GEAR - HARPOONS



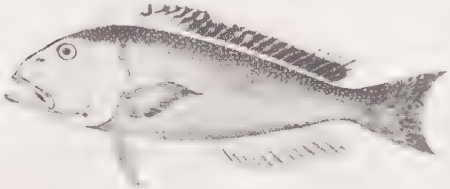
TAUTOG
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, HANDLINES, POTS



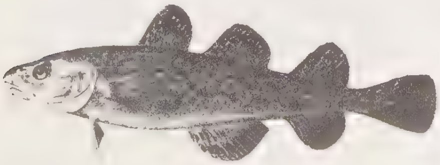
TENPOUNDER
RANGE - FLORIDA
GEAR - HAUL SEINES



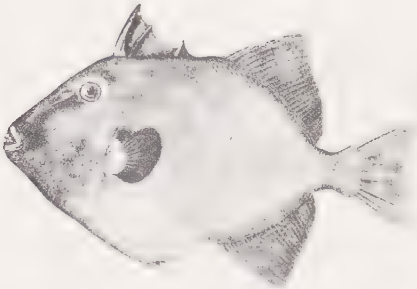
THIMBLE-EYED MACKEREL
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



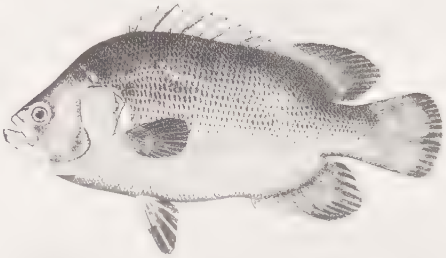
TILEFISH
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, REEF NETS, OTTER TRAWLS



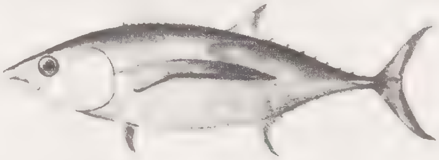
TOMCOD
RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND
NEW ENGLAND STATES
GEAR - OTTER TRAWLS, DIP NETS



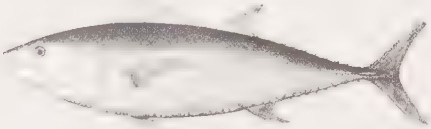
TRIGGERFISH
RANGE - FLORIDA
GEAR - HANDLINES



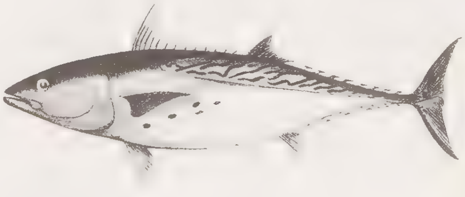
TRIPLETAIL
RANGE - FLORIDA
GEAR - HAUL SEINES, GILL NETS, LINES



TUNA, ALBACORE
RANGE - PACIFIC COAST
GEAR - LINES

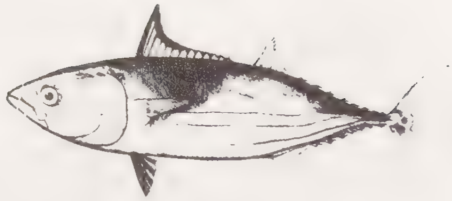


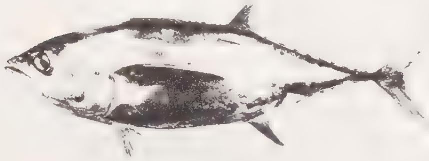
TUNA, BLUEFIN
RANGE - CALIFORNIA, NEW JERSEY TO MAINE
GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,
POUND NETS, HARPOONS

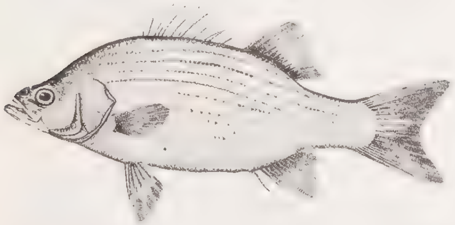


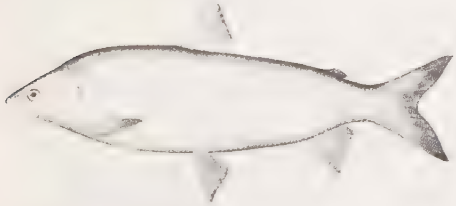
TUNA, LITTLE
RANGE - MASSACHUSETTS TO TEXAS
GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS

PICTORIAL SECTION

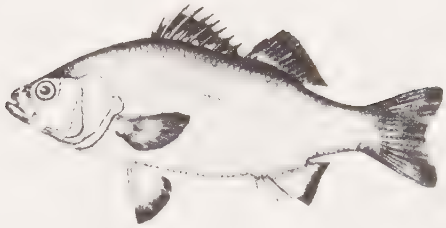

TUNA, SKIPJACK
RANGE - CALIFORNIA
GEAR - LINES AND PURSE SEINES


TUNA, YELLOWFIN
RANGE - PACIFIC
GEAR - LINES AND PURSE SEINES

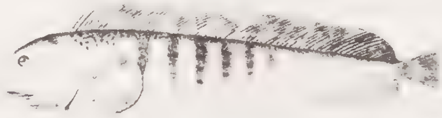

WHITE BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES, POUND NETS

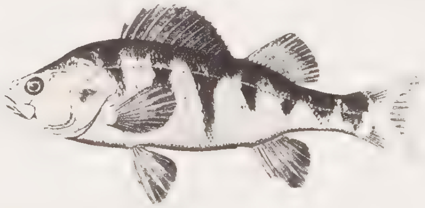

WHITEFISH, COMMON
RANGE - GREAT LAKES
GEAR - GILL NETS, POUND NETS, TRAP NETS

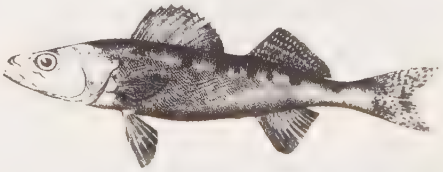
WHITEFISH, MENOMINEE
RANGE - ALASKA, GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS, POUND NETS


WHITE PERCH
RANGE - NORTH CAROLINA TO MAINE
GEAR - POUND NETS, FYKE NETS, HAUL SEINES

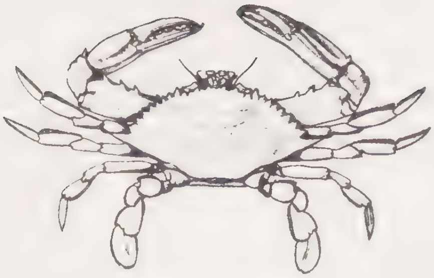
WHITING
RANGE - VIRGINIA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS


WOLFFISH
RANGE - MASSACHUSETTS AND MAINE
GEAR - OTTER TRAWLS, LONGLINES

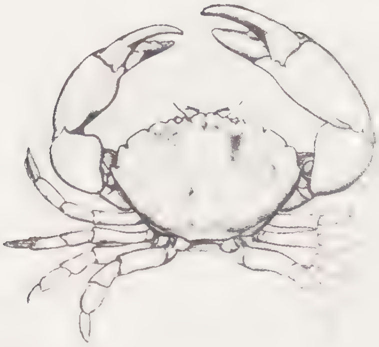

YELLOW PERCH
RANGE - GREAT LAKES, OTHER LAKES
GEAR - GILL NETS, TRAP NETS, POUND NETS, FYKE NETS


YELLOW PIKE
RANGE - GREAT LAKES
GEAR - POUND NETS, FYKE NETS, GILL NETS, TRAP NETS

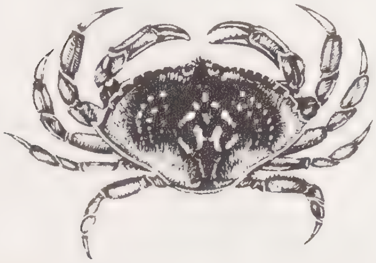
PICTORIAL SECTION



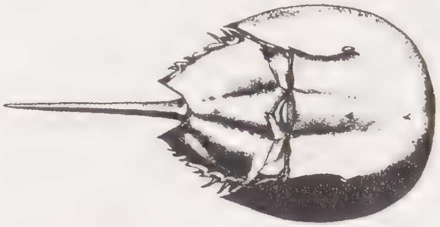
BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROTLINES, POTS, FYKE NETS, DIP NETS,
SCRAPES, DREDGES



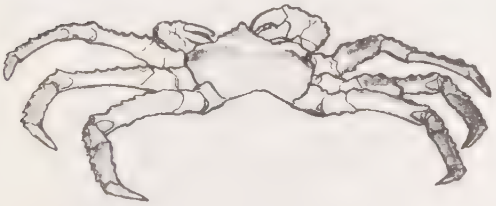
STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



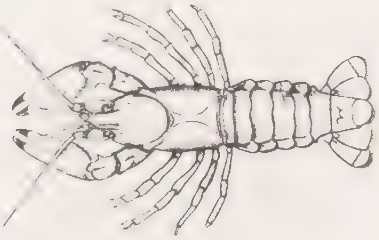
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAPS



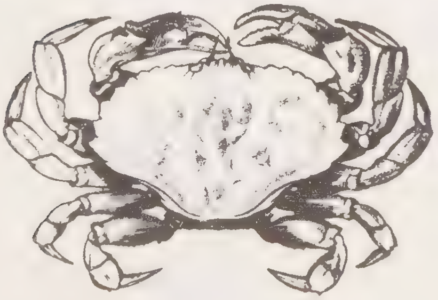
HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS, WEIRS, BY HAND



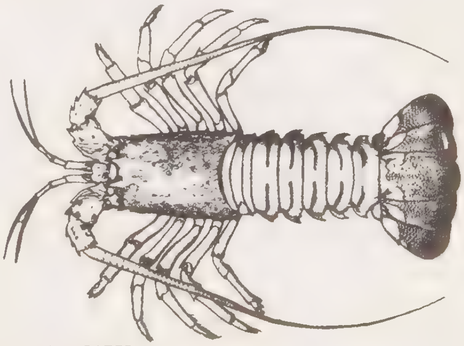
KING CRAB
RANGE - ALASKA
GEAR - POTS



FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - POTS

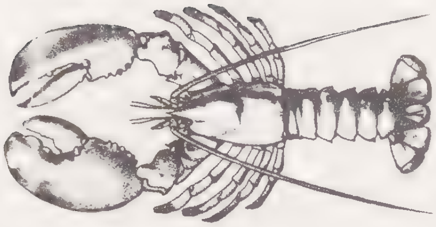


ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS

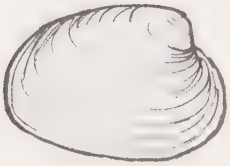


SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS

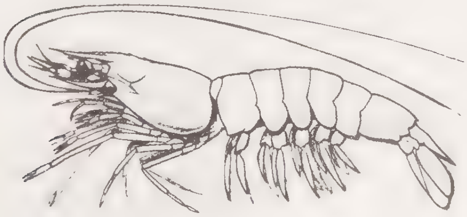
PICTORIAL SECTION



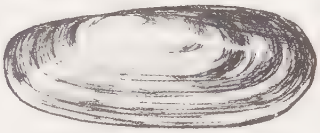
LOBSTER, NORTHERN
RANGE - VIRGINIA TO MAINE
GEAR - POTS, OTTER TRAWLS



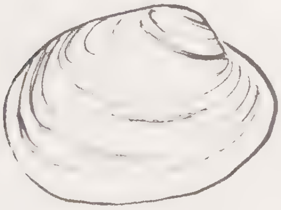
HARD CLAM
RANGE - FLORIDA TO MAINE
GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND



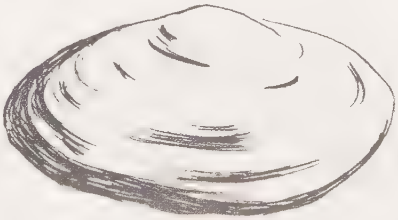
SHRIMP
RANGE - TEXAS TO NORTH CAROLINA, MAINE,
CALIFORNIA, WASHINGTON, AND ALASKA
GEAR - SHRIMP TRAWLS



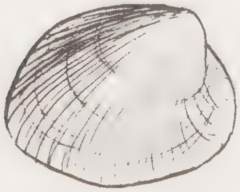
RAZOR CLAM, PACIFIC
RANGE - OREGON, WASHINGTON AND ALASKA
GEAR - SHOVELS



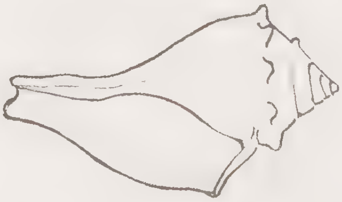
BUTTER CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



SOFT CLAM
RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,
PACIFIC COAST STATES
GEAR - FORKS, HOES, RAKES, DREDGES

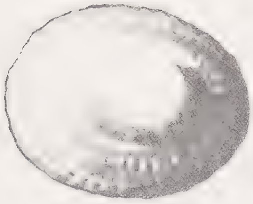


LITTLE NECK CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS

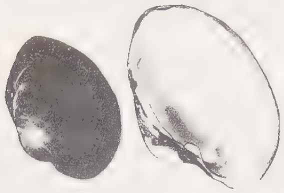


CONCH
RANGE - FLORIDA TO MAINE
GEAR - OTTER TRAWLS, DREDGES, POTS, AND BY HAND

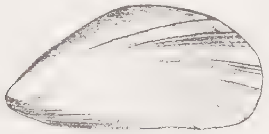
PICTORIAL SECTION



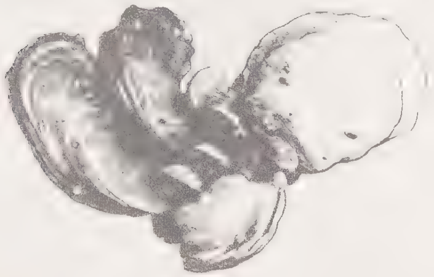
LIMPET
RANGE - NEW YORK AND NEW ENGLAND
GEAR - DREDGES



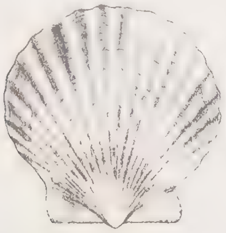
FRESH-WATER MUSSEL
RANGE - FRESH-WATER STREAMS
GEAR - CROWFOOT BARS, PICKS, HAND



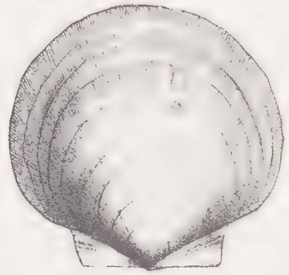
SEA MUSSEL
RANGE - NORTH CAROLINA TO MAINE
GEAR - DREDGES, TONGS, RAKES, HAND



OYSTER
RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST
GEAR - TONGS, DREDGES, RAKES, BY HAND



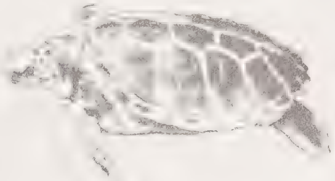
BAY SCALLOP
RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON
GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES, DIP NETS



SEA SCALLOP
RANGE - NEW JERSEY TO MAINE
GEAR - DREDGES, OTTER TRAWLS

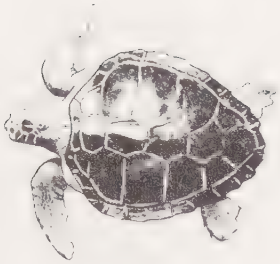
STARFISH
RANGE - ATLANTIC AND PACIFIC COAST
GEAR - HOOKS, SCRAPES, "MOPS"

TERRAPIN
RANGE - TEXAS TO NEW JERSEY
GEAR - HAUL SEINES, BY HAND

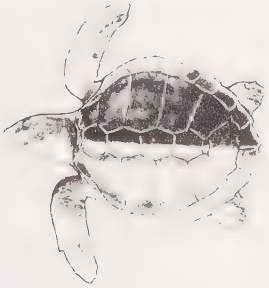


GREEN TURTLE
RANGE - FLORIDA
GEAR - GILL NETS

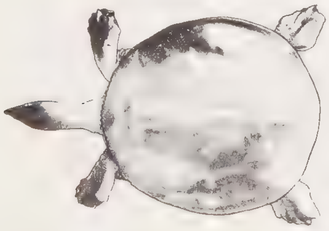
PICTORIAL SECTION



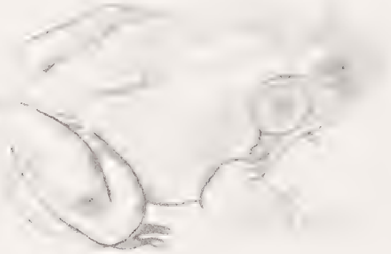
LOGGERHEAD TURTLE
RANGE - FLORIDA TO NEW JERSEY
GEAR - GILL NETS



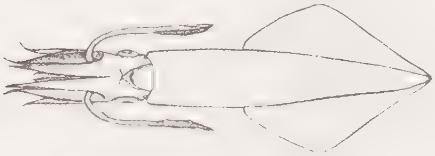
HAWKSBILL TURTLE
RANGE - GULF OF MEXICO, AND ATLANTIC COAST TO NEW YORK
GEAR - BY HAND, POUND NETS



SOFT-SHELL TURTLE
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, FYKE NETS, POTS



FROG
RANGE - FRESH-WATER, MARSHES, POND
GEAR - SPEARS, GRABS



SQUID
RANGE - VIRGINIA TO MAINE, CALIFORNIA AND WASHINGTON
GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS, POUND NETS

SPONGE
RANGE - FLORIDA
GEAR - HOOKS, DIVING OUTFITS

IRISH MOSS
RANGE - NEW ENGLAND
GEAR - RAKES

SECTION 18 - STATISTICAL PUBLICATIONS

THE FOLLOWING LIST OF PUBLICATIONS INCLUDES ALL REPORTS ISSUED IN THE CURRENT FISHERY STATISTICS SERIES DURING 1968.

C.F.S. NO.	TITLE
4593	LOUISIANA LANDINGS, SEPTEMBER, 1967
4594	SHRIMP LANDINGS, JULY 1967
4595	MISSISSIPPI LANDINGS, SEPTEMBER, 1967
4596	LOUISIANA LANDINGS, OCTOBER, 1967
4597	MASSACHUSETTS LANDINGS, JUNE, 1967
4598	MASSACHUSETTS LANDINGS, JULY, 1967
4599	MASSACHUSETTS LANDINGS, AUGUST, 1967
4600	SOUTH ATLANTIC FISHERIES, ANNUAL, 1966
4601	GREAT LAKES FISHERIES, ANNUAL, 1966
4602	NEW ENGLAND FISHERIES, ANNUAL, 1966
4603	CHESAPEAKE FISHERIES, ANNUAL, 1966
4604	FISH MEAL AND OIL, NOVEMBER, 1967
4605	SOUTH CAROLINA LANDINGS, NOVEMBER, 1967
4606	GEORGIA LANDINGS, NOVEMBER, 1967
4607	MARYLAND LANDINGS, OCTOBER, 1967
4608	FROZEN FISHERY PRODUCTS, DECEMBER, 1967
4609	FLORIDA LANDINGS, NOVEMBER, 1967
4610	MAINE LANDINGS, OCTOBER, 1967
4611	NORTH CAROLINA LANDINGS, NOVEMBER, 1967
4612	NEW YORK LANDINGS, OCTOBER, 1967
4613	MICHIGAN, OHIO AND WISCONSIN LANDINGS, OCTOBER, 1967
4614	MICHIGAN, OHIO AND WISCONSIN LANDINGS, NOVEMBER, 1967
4615	TEXAS LANDINGS, NOVEMBER, 1967
4616	ALABAMA LANDINGS, OCTOBER, 1967
4617	VIRGINIA LANDINGS, NOVEMBER, 1967
4618	SHRIMP LANDINGS, AUGUST, 1967
4619	GULF COAST SHRIMP DATA, AUGUST, 1967
4620	CALIFORNIA LANDINGS, AUGUST, 1967
4621	RHODE ISLAND LANDINGS, OCTOBER, 1967
4622	MARYLAND LANDINGS, NOVEMBER, 1967
4623	MASSACHUSETTS LANDINGS, SEPTEMBER, 1967
4624	NEW JERSEY LANDINGS, NOVEMBER, 1967
4625	NEW JERSEY LANDINGS, DECEMBER, 1967
4626	CALIFORNIA LANDINGS, SEPTEMBER, 1967
4627	SOUTH CAROLINA LANDINGS, DECEMBER, 1967
4628	MISSISSIPPI LANDINGS, OCTOBER, 1967
4629	ALABAMA LANDINGS, NOVEMBER, 1967
4630	GEORGIA LANDINGS, DECEMBER, 1967
4631	FISH MEAL AND OIL, DECEMBER, 1967
4632	NORTH CAROLINA LANDINGS, DECEMBER, 1967
4633	VIRGINIA LANDINGS, DECEMBER, 1967
4634	MICHIGAN, OHIO AND WISCONSIN LANDINGS, DECEMBER, 1967
4635	MARYLAND LANDINGS, DECEMBER, 1967
4636	RHODE ISLAND LANDINGS, NOVEMBER, 1967
4637	FROZEN FISHERY PRODUCTS, ANNUAL, 1967
4638	MAINE LANDINGS, NOVEMBER, 1967
4639	FLORIDA LANDINGS, DECEMBER, 1967
4640	FROZEN FISHERY PRODUCTS, JANUARY, 1968
4641	CALIFORNIA LANDINGS, OCTOBER, 1967
4642	NEW YORK LANDINGS, NOVEMBER, 1967
4643	MICHIGAN, OHIO AND WISCONSIN LANDINGS, ANNUAL, 1967
4644	CANNED FISHERY PRODUCTS, ANNUAL, 1967
4645	INDUSTRIAL FISHERY PRODUCTS, ANNUAL, 1967
4646	PACKAGED FISHERY PRODUCTS, ANNUAL, 1967
4647	MISSISSIPPI LANDINGS, NOVEMBER, 1967
4648	LOUISIANA LANDINGS, NOVEMBER, 1967
4649	LOUISIANA LANDINGS, DECEMBER, 1967
4650	NEW YORK LANDINGS, DECEMBER, 1967
4651	FISH STICKS AND PORTIONS, ANNUAL, 1967
4652	NEW JERSEY LANDINGS, ANNUAL, 1967
4653	GEORGIA LANDINGS, ANNUAL, 1967
4654	SOUTH CAROLINA LANDINGS, ANNUAL, 1967
4655	RHODE ISLAND LANDINGS, DECEMBER, 1967
4656	TEXAS LANDINGS, DECEMBER, 1967
4657	HISTORICAL STATISTICS, PRICES RECEIVED BY FISHERMEN, NO. 12
4658	LOUISIANA LANDINGS, ANNUAL, 1967
4659	LOUISIANA LANDINGS, JANUARY, 1968
4660	FLORIDA LANDINGS, ANNUAL, 1967
4661	ALABAMA LANDINGS, DECEMBER, 1967
4662	MISSISSIPPI LANDINGS, DECEMBER, 1967
4663	GEORGIA LANDINGS, JANUARY, 1968
4664	SOUTH CAROLINA LANDINGS, JANUARY, 1968
4665	NORTH CAROLINA LANDINGS, ANNUAL, 1967
4666	MAINE LANDINGS, DECEMBER, 1967

C.F.S. NO.	TITLE
4667	FLORIDA LANDINGS, JANUARY, 1968
4668	FROZEN FISHERY PRODUCTS, FEBRUARY, 1968
4669	NEW JERSEY LANDINGS, JANUARY, 1968
4670	SHRIMP LANDINGS, SEPTEMBER, 1967
4671	GULF COAST SHRIMP DATA, SEPTEMBER, 1967
4672	NORTH CAROLINA LANDINGS, JANUARY, 1968
4673	VIRGINIA LANDINGS, ANNUAL, 1967
4674	RHODE ISLAND LANDINGS, ANNUAL, 1967
4675	TEXAS LANDINGS, ANNUAL, 1967
4676	MAINE LANDINGS, ANNUAL, 1967
4677	VIRGINIA LANDINGS, JANUARY, 1968
4678	ALABAMA LANDINGS, ANNUAL, 1967
4679	MISSISSIPPI LANDINGS, ANNUAL, 1967
4680	GULF FISHERIES, ANNUAL, 1966
4681	NEW YORK LANDINGS, ANNUAL, 1967
4682	MARYLAND LANDINGS, ANNUAL, 1967
4683	CALIFORNIA LANDINGS, NOVEMBER, 1967
4684	TEXAS LANDINGS, JANUARY, 1968
4685	SOUTH CAROLINA LANDINGS, FEBRUARY, 1968
4686	GEORGIA LANDINGS, FEBRUARY, 1968
4687	MARYLAND LANDINGS, JANUARY, 1968
4688	NORTH CAROLINA LANDINGS, FEBRUARY, 1968
4689	FISH MEAL AND OIL, JANUARY, 1968
4690	MASSACHUSETTS LANDINGS, OCTOBER, 1967
4691	ALABAMA LANDINGS, JANUARY, 1968
4692	FROZEN FISHERY PRODUCTS, MARCH, 1968
4693	FLORIDA LANDINGS, FEBRUARY, 1968
4694	NEW YORK LANDINGS, JANUARY, 1968
4695	FISH MEAL AND OIL, JANUARY, 1968
4696	CALIFORNIA LANDINGS, DECEMBER, 1967
4697	MASSACHUSETTS LANDINGS, NOVEMBER, 1967
4698	PACIFIC FISHERIES, ANNUAL, 1966
4699	FISH MEAL AND OIL, FEBRUARY, 1968
4700	FISHERIES OF THE UNITED STATES, ANNUAL, 1967
4701	ALASKA FISHERIES, ANNUAL, 1966
4702	MISSISSIPPI LANDINGS, JANUARY, 1968
4703	PROCESSED FISHERY PRODUCST, ANNUAL, 1966
4704	VIRGINIA LANDINGS, FEBRUARY, 1968
4705	NEW YORK LANDINGS, FEBRUARY, 1968
4706	SHRIMP LANDINGS, OCTOBER, 1967
4707	GULF COAST SHRIMP DATA, OCTOBER, 1967
4708	NEW JERSEY LANDINGS, FEBRUARY, 1968
4709	NEW JERSEY LANDINGS, MARCH, 1968
4710	CALIFORNIA LANDINGS, JANUARY, 1968
4711	SOUTH CAROLINA LANDINGS, MARCH, 1968
4712	FISH MEAL AND OIL, MARCH, 1968
4713	GEORGIA LANDINGS, MARCH, 1968
4714	MAINE LANDINGS, JANUARY, 1968
4715	RHODE ISLAND LANDINGS, JANUARY, 1968
4716	MISSISSIPPI LANDINGS, FEBRUARY, 1968
4717	NORTH CAROLINA LANDINGS, MARCH, 1968
4718	MISSISSIPPI RIVER FISHERIES, ANNUAL, 1966
4719	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, JANUARY-MARCH, 1968
4720	FROZEN FISHERY PRODUCTS, APRIL, 1968
4721	CALIFORNIA LANDINGS, FEBRUARY, 1968
4722	SHRIMP LANDINGS, NOVEMBER, 1967
4723	GULF COAST SHRIMP DATA, NOVEMBER, 1967
4724	ALABAMA LANDINGS, FEBRUARY, 1968
4725	MICHIGAN, OHIO AND WISCONSIN LANDINGS, JANUARY, 1968
4726	MICHIGAN, OHIO AND WISCONSIN LANDINGS, FEBRUARY, 1968
4727	MICHIGAN, OHIO AND WISCONSIN LANDINGS, MARCH, 1968
4728	CALIFORNIA LANDINGS, MARCH, 1968
4729	UNITED STATES FISHERIES, ANNUAL, 1966
4730	GEORGIA LANDINGS, APRIL, 1968
4731	SOUTH CAROLINA LANDINGS, APRIL, 1968
4732	MAINE LANDINGS, FEBRUARY, 1968
4733	MICHIGAN, OHIO AND WISCONSIN LANDINGS, APRIL, 1968
4734	NORTH CAROLINA LANDINGS, APRIL, 1968
4735	FISH MEAL AND OIL, APRIL, 1968
4736	NEW JERSEY LANDINGS, APRIL, 1968
4737	LOUISIANA LANDINGS, FEBRUARY, 1968
4738	VIRGINIA LANDINGS, MARCH, 1968
4739	SHRIMP LANDINGS, DECEMBER, 1967

(CONTINUED ON NEXT PAGE)

STATISTICAL PUBLICATIONS

C.F.S. NO.	TITLE
4740	GULF COAST SHRIMP DATA, DECEMBER, 1967
4741	MAINE LANDINGS, MARCH, 1968
4742	RHODE ISLAND LANDINGS, FEBRUARY, 1968
4743	IMPORTS AND EXPORTS OF FISHERY PRODUCTS, ANNUAL, 1966-67
4744	MASSACHUSETTS LANDINGS, DECEMBER, 1967
4745	FROZEN FISHERY PRODUCTS, MAY, 1968
4746	SOUTH CAROLINA LANDINGS, MAY, 1968
4747	GEORGIA LANDINGS, MAY, 1968
4748	MISSISSIPPI LANDINGS, MARCH, 1968
4749	CALIFORNIA LANDINGS, APRIL, 1968
4750	NEW YORK LANDINGS, MARCH, 1968
4751	NORTH CAROLINA LANDINGS, MAY, 1968
4752	RHODE ISLAND LANDINGS, MARCH, 1968
4753	VIRGINIA LANDINGS, APRIL, 1968
4754	ALABAMA LANDINGS, MARCH, 1968
4755	TEXAS LANDINGS, FEBRUARY, 1968
4756	TEXAS LANDINGS, MARCH, 1968
4757	TEXAS LANDINGS, APRIL, 1968
4758	FISH MEAL AND OIL, MAY, 1968
4759	NEW JERSEY LANDINGS, MAY, 1968
4760	MARYLAND LANDINGS, FEBRUARY, 1968
4761	TEXAS LANDINGS, MAY, 1968
4762	NEW YORK LANDINGS, APRIL, 1968
4763	MICHIGAN, OHIO AND WISCONSIN LANDINGS, MAY, 1968
4764	MAINE LANDINGS, APRIL, 1968
4765	VIRGINIA LANDINGS, MAY, 1968
4766	RHODE ISLAND LANDINGS, APRIL, 1968
4767	SOUTH CAROLINA LANDINGS, JUNE, 1968
4768	NORTH CAROLINA LANDINGS, JUNE, 1968
4769	FISH MEAL AND OIL, JUNE, 1968
4770	FROZEN FISHERY PRODUCTS, JUNE, 1968
4771	CALIFORNIA LANDINGS, MAY, 1968
4772	GEORGIA LANDINGS, JUNE, 1968
4773	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, APRIL-JUNE, 1968
4774	NEW JERSEY LANDINGS, JUNE, 1968
4775	SHRIMP LANDINGS, ANNUAL, 1967
4776	VIRGINIA LANDINGS, JUNE, 1968
4777	NEW YORK LANDINGS, MAY, 1968
4778	LOUISIANA LANDINGS, MARCH, 1968
4779	LOUISIANA LANDINGS, APRIL, 1968
4780	LOUISIANA LANDINGS, MAY, 1968
4781	GULF COAST SHRIMP DATA, ANNUAL, 1967
4782	MAINE LANDINGS, MAY, 1968
4783	RHODE ISLAND LANDINGS, MAY, 1968
4784	MICHIGAN, OHIO AND WISCONSIN LANDINGS, JUNE, 1968
4785	MISSISSIPPI LANDINGS, APRIL, 1968
4786	NORTH CAROLINA LANDINGS, JULY, 1968
4787	SOUTH CAROLIN LANDINGS, JULY, 1968
4788	GEORGIA LANDINGS, JULY, 1968
4789	CALIFORNIA LANDINGS, JUNE, 1968
4790	LOUISIANA LANDINGS, JUNE, 1968
4791	ALABAMA LANDINGS, APRIL, 1968
4792	MARYLAND LANDINGS, MARCH, 1968
4793	TEXAS LANDINGS, JUNE, 1968
4794	FISH MEAL AND OIL, JULY, 1968
4795	VIRGINIA LANDINGS, JULY, 1968
4796	FROZEN FISHERY PRODUCTS, JULY, 1968
4797	MISSISSIPPI LANDINGS, MAY, 1968
4798	MARYLAND LANDINGS, APRIL, 1968
4799	MARYLAND LANDINGS, MAY, 1968
4800	FLORIDA LANDINGS, MARCH, 1968
4801	MARYLAND LANDINGS, JUNE, 1968
4802	MASSACHUSETTS LANDINGS, BY PORTS, ANNUAL, 1967
4803	MAINE LANDINGS, JUNE, 1968
4804	NORTH CAROLINA LANDINGS, AUGUST, 1968
4805	FISH MEAL AND OIL, AUGUST, 1968
4806	TEXAS LANDINGS, JULY, 1968
4807	MISSISSIPPI LANDINGS, JUNE, 1968
4808	VIRGINIA LANDINGS, AUGUST, 1968
4809	NEW JERSEY LANDINGS, JULY, 1968
4810	NEW JERSEY LANDINGS, AUGUST, 1968
4811	RHODE ISLAND LANDINGS, JUNE, 1968
4812	SOUTH CAROLINA LANDINGS, AUGUST, 1968
4813	MARYLAND LANDINGS, JULY, 1968
4814	NEW YORK LANDINGS, JUNE, 1968
4815	MISSISSIPPI LANDINGS, JULY, 1968
4816	LOUISIANA LANDINGS, JULY, 1968
4817	MARYLAND LANDINGS, AUGUST, 1968
4818	ALABAMA LANDINGS, MAY, 1968
4819	FISH MEAL AND OIL, SEPTEMBER, 1968
4820	FROZEN FISHERY PRODUCTS, AUGUST, 1968
4821	TEXAS LANDINGS, AUGUST, 1968
4822	NEW YORK LANDINGS, JULY, 1968
4823	MAINE LANDINGS, JULY, 1968
4824	GEORGIA LANDINGS, AUGUST, 1968
4825	HISTORICAL CATCH STATISTICS, GREAT LAKES, NO. 13, 1966
4826	SOUTH CAROLINA LANDINGS, SEPTEMBER, 1968
4827	RHODE ISLAND LANDINGS, JULY, 1968
4828	NORTH CAROLINA LANDINGS, SEPTEMBER, 1968
4829	FLORIDA LANDINGS, APRIL, 1968
4830	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, JULY-SEPTEMBER, 1968
4831	CALIFORNIA LANDINGS, JULY, 1968
4832	NEW JERSEY LANDINGS, SEPTEMBER, 1968
4833	HISTORICAL STATISTICS, THE SQUID FISHERY, NO. 14, 1966
4834	VIRGINIA LANDINGS, SEPTEMBER, 1968
4835	ALABAMA LANDINGS, JUNE, 1968
4836	MASSACHUSETTS LANDINGS, BY GEAR, AND SUBAREA, ANNUAL, 1967
4837	FLORIDA LANDINGS, MAY, 1968
4838	FISH MEAL AND OIL, OCTOBER, 1968
4839	GEORGIA LANDINGS, SEPTEMBER, 1968
4840	FROZEN FISHERY PRODUCTS, SEPTEMBER, 1968

☆ U. S. GOVERNMENT PRINTING OFFICE: 1971 O - 446-399